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Holco

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SEEDS



1928

The HOLMES - LETHERMAN SEED CO. Canton, O.

D. N. Shoemaker

"PLANT SEEDS"

"THEY ALWAYS GROW"

HOLCO SEED BOOK for 1928 contains a selection of Vegetable, Flower, Farm Seeds and Nursery Stock that will be found strictly as represented. Great care is exercised in the growing and selection of Holco Seeds. Our employees are very conscientious in their effort to keep Holco Seeds pure and true.

We own and operate three large seed warehouses modernly equipped to handle the business. We also have large greenhouses where our seeds are thoroughly tested and plant propagation and trials are carried on.

For the past 23 years our President, Geo. M. Letherman, has had active charge of the Seed business in Canton, and gives you his personal assurance that Holco Seeds are of the best strains, properly tested, and with due care in culture, will produce satisfactory results.

How to Order

Please sign your name and full address on each and every letter or order sent us. We do a "Cash with Order" business, and you can inquire of any bank or trust company, or of your neighbor as to our responsibility.

It is much safer to send the money for the goods in the form of an express or post office money order, a bank draft or your own personal bank check. We accept postage stamps for cash.

Farm Seed Prices subject to market changes. Before buying, ask for our Farm Seed Price List.

Seeds Delivered Free

All seeds offered in this catalog up to 10 pounds will be delivered to your door postpaid unless otherwise stated. On larger quantities of Seeds, Plants, Shrubs, Potatoes, Onion Sets, Farm Seeds, Tools, you pay express or freight charges.

Tell us whether you want goods shipped by freight or express.

If not otherwise directed, we will use our judgment as to the best way to ship.

CHANGE OF ADDRESS. If you have changed, or intend to change you address, please let us know, and we will change it on our books, so that you will receive our Holco Seed Book at your new post office.

Special Quotations are gladly given on larger quantities of anything offered in this catalog if you will submit a list covering quantities wanted. If in need of something not herein listed write us before ordering elsewhere.

(Copyrighted)

Surely Fair Dealing Wins in the End

This is why we say to you "If you are not pleased with what we send you, send it back to us, and get your money."

We shall be pleased to receive at any time suggestions that may assist us in further improving service to our customers.

Orders for Nursery Stock and Plants

are filled direct from our nursery and greenhouses, in the order in which they are received, as soon as the weather is warm enough for shipping. Nursery stock, plants and seeds cannot be sent together.

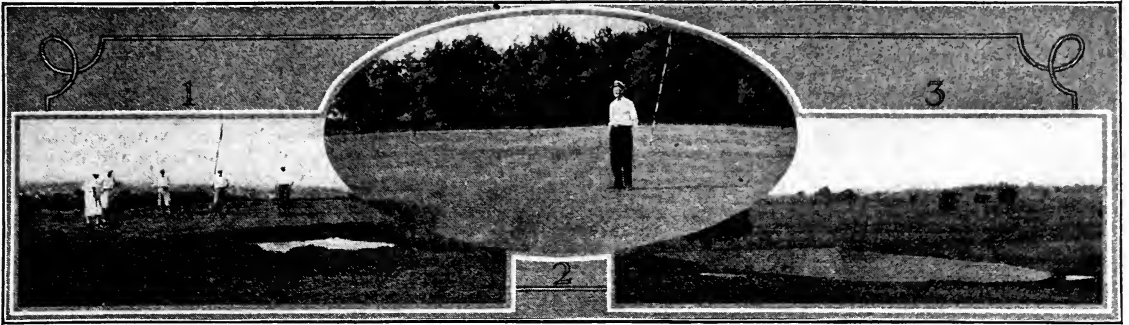
PLEASE NOTE:—We do not send trees, plants or other perishable stock C. O. D.

WE GUARANTEE safe delivery; complete satisfaction. Our stock to be of first quality, healthy and true to name when delivered. No complaint will be entertained that is not made immediately upon receipt of goods. There are so many contingencies to be encountered in growing plants from seed and in growing nursery stock, that are dependent upon the weather, and other conditions over which we have no control, that success in planting is not altogether dependent on the seed, bulbs, plants or shrubbery. Therefore we can assume no responsibility after the stock is delivered in good condition.

The Holmes-Letherman Seed Co. gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, plants or roots they send out, and they will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Nursery Catalog

We have a reliable Nursery and Bulb Catalog. If interested in beautifying your home and grounds we will be glad to mail you one free on request.



We have used Holmes-Letherman Grass Seeds exclusively during the last three years in building the Elmwood Golf Course at Massillon, Ohio. We certainly had wonderful results and can highly recommend HOLCO GRASS SEEDS for purity and quick germination. Mr. E. G. Kottman, Greenskeeper, cordially invites owners, greens committees, or any one interested in the production of a fine turf to inspect our Course.



Dependable Grass Seeds

The question of good lawns is not only the question of sowing the very best grass seed, but you must have the correct grasses assembled to produce a good, permanent and fine-textured lawn. It pays to make your soil suitable for the grasses you want to develop; it must be fine and granular. Pulverized sheep manure or rotten manure worked into a clay soil will lighten and fertilize it. On a sand or sandy loam, lime and plenty of sheep manure to build a body in the soil will be all that is required.

HOLCO "VELVET GREEN" LAWN SEED is an intelligently arranged combination of fine-leaved, dwarf grasses, which will stand wear and tear, outlive the winter, and retain at all times their lustrous green color. It will produce a perfect turf of deep green sward in four to six weeks time. Whether you want to seed a small grass plot in your yard, or a lawn of more pretentious size, you should use this grass mixture. **Delivered Free in United States** (by Mail, Express or Freight), at our option. **Lb. 50 cts., 5 lbs. \$2.35, 10 lbs. or more at 45 cts. lb.**

J. C. Waters, Stark Co., Ohio. For the last few years I have used "Velvet Green" lawn seed, and having had such satisfactory results, I want to congratulate you in the selection of the name "Velvet Green" for that's just what it is. Satisfactory results are sure to be where "Velvet Green" is used.



We have not been seeking to produce a mixture for cheapness, but one which will give absolute satisfaction, by actual test. **Velveturf** is made under our own formula and contains different grasses, including the Genuine Bents. **Velveturf** is for the exacting man who is willing to pay the price to have a good lawn and gets what he pays for. In **Velveturf** we have a lawn grass seed par excellence. **Lb. 75 cts., 2 lbs. \$1.35, 5 lbs. \$3.00, 10 lbs. or more at 57 cts., lb.**

On account of its high germination, less seed may be sown than in the case of ordinary grasses with every confidence.

D. D. Webster, Olean, N. Y.—I have always found your seeds of strong germination and true to kind.

"Holco" Shady Dell Lawn Seed

By using the correct seed varieties it is not at all difficult to obtain a good turf under trees. In particularly stubborn cases where the shade is very dense, it is desirable to add Lime every fall or spring, apply Pulverized Sheep Manure, rake and sow "Holco" Shady Dell Lawn Seed. A lawn under trees is the most beautiful of all. "Holco" Shady Dell Lawn Seed will produce it. **Lb. 50 cts., 5 lbs. \$2.35, 10 lbs. \$4.50, 100 lbs. \$40.00, (25 lbs. or more supplied at 100-lb. price).**

O. B. Black, Washington Co., Penna. The seeds I purchased from you were fine; I never bought nicer seeds.

Terrace Sod Lawn Seed

This is a special blend of grasses and especially suited for sowing on terraces, embankments and hillsides. It is composed of grasses that produce long, strong, fine leaves and deep, spreading roots, thus preventing heavy rains from washing them out. **Lb. 50 cts., 5 lbs. \$2.35, 10 lbs. or more at 45 cts. lb.**

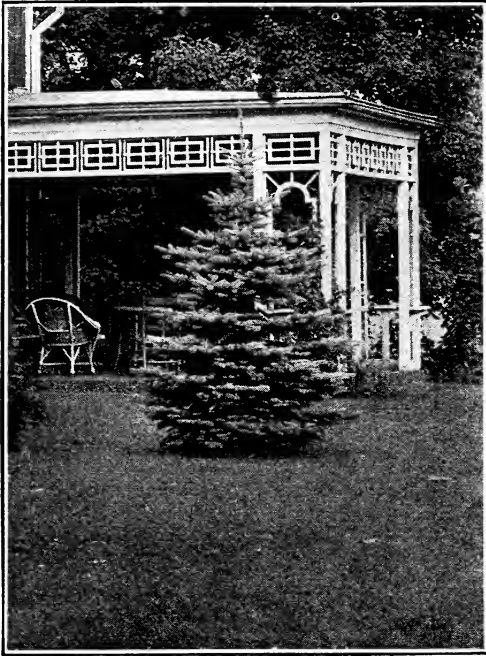
Geo. Lindner, Wisc. We wish to acknowledge the success we had the past two years in growing your seeds. We have found them to be the best we have ever sown, good to grow, and good to produce.

Special Mixture for all Purposes

Many people each season want a mixture to meet certain conditions of soil or location or to try certain formulas. We will be glad to put these up to your order without extra charge at any time.

Quantity of Seed to Sow

One pound sows 15x20 feet (300 square feet). 100 pounds sow 1 Acre. To Repair Turf that is worn, use one-half these quantities. How to Build a Lawn, "The American Lawn Beautiful." Write for a Free Copy



VELVETURF LAWN SEED is the ideal grass mixture; makes lawns like velvet; makes your home a beauty spot.

Fancy Kentucky Blue Grass

(*Poa pratensis*)

Very widely used for all lawn purposes in the northern states. Desirable as a golf fairway grass, particularly on medium to heavy soils that have been limed or which stand on a limestone foundation. Also suited for meadow and pastures. Kentucky Blue is of fine color, but it is somewhat slow to germinate. Sow 3 to 5 lbs. per 1000 sq. ft. **Lb. 40 cts., 5 lbs. \$1.85, 10 lbs. \$3.50.** (Write for prices on larger quantities).

Red Top

(*Agrostis Alba*)

Probably no grass seed has a greater range of uses than Red Top. It has been known to produce excellent results under all sorts of climatic conditions and soils. Red Top must at all times be closely mowed, or else it has a tendency to develop coarse and thick blades. However, if it is kept closely cut, the coarse blades will not have a chance to develop. It is short-lived under mowing, and does not become coarse.

Red Top is recommended as an ingredient in most fairway mixtures, and will protect the Bluegrass and Fescues. Sow 5 lbs. per 1000 sq. ft. **Lb. 40 cts., 5 lbs. \$1.85, 10 lbs. \$3.50.** (Write for prices on larger quantities).

Canadian Blue Grass

(*Poa Compress*)

Somewhat similar to Kentucky Blue Grass, but is of less pleasing color. It is coarse. One of its most important uses is as a soil binder on banks, or where there is danger of washouts. Sow 3 to 5 lbs. per 1000 sq. ft. **Lb. 40 cts., 5 lbs. \$1.90, 10 lbs. \$3.50.** (Write for prices on larger quantities.)

Creeping Bent (*South German Mixed*)

This is undoubtedly one of the finest grasses for putting greens. The distinctive feature of this species is its compact creeping rooting stems. It is of rapid growth and spreading habit. Putting greens sown with German Bent seed are of exceedingly fine texture and pleasing color. It thrives on practically all soils, and does excellently on dry and sandy soils. Once it becomes established, it is ready to stand the hard usage. Sow 5 lbs. per 1000 sq. ft. **Lb. \$1.00, 5 lbs. \$4.75, 10 lbs. \$9.00.** (Write for prices on larger quantities.)

Rough Stalked Meadow Grass

(*Poa Trivialis*)

This is a grass which is not fully appreciated, but will grow in favor as its merits become known. It is a perennial, and a very hardy grass of a rich green color. Very desirable for mixing with other seed for lawns and fairways, as it produces a dwarf, compact growth. Rough Stalked Meadow Grass by all means should be used more frequently in this country, as for shaded lawns there is no seed that can take its place. It has been known to thrive where no sunlight filters through. Sow 3 to 5 lbs. per 1000 sq. ft. **Lb. 75 cts., 5 lbs. \$3.50, 10 lbs. \$6.85.** (Write for prices on larger quantities.)

Rye Grass, English or Perennial (*Lolium Perenne*). (*Pacey's Fancy Short Seeded*). This makes the quickest returns in growth of any grass; is deep rooted and is readily established. Sow 100 to 120 lbs. per acre. **30c per lb., 10 lbs. \$2.75; \$6.25 per 25 lbs; 100 lbs., \$22.50.**

Fescue, Chewing's New Zealand (*Festuca Chewing's*). Especially recommended for putting greens and lawns. **50 cts., per lb.; 10 lbs. \$4.75; \$11.25 per 25 lbs.; 100 lbs., \$42.50.**

White Clover

The best variety for lawns, as it forms a close herbage and remains green throughout the season. Sow 10 to 12 lbs. per acre. **Lb. 70 cts., postpaid.**

WIZARD Sheep Manure

TRADE BRAND

A NATURAL PLANT FOOD THAT PRODUCES THICK, VELVETY GREEN LAWNS. See Page 79 for prices

Hay and Pasture Mixtures

Many pieces of pasture land vary from spot to spot in drainage, texture and fertility, so that no one variety of grass can be expected to do well on all parts. Even on fairly uniform pieces, some varieties of grass come on more quickly than others and are at their best at different seasons or under different weather conditions. For these reasons, except where conditions are just right for a solid Blue Grass sod, it is advisable to sow a mixture of grasses.

The land should be prepared for permanent pasture. Deep preparation is unnecessary, but the surface should be thoroughly worked to clean out weeds and provide a firm, well pulverized seed bed. This mixture should be broadcasted, from early spring to fall.

Lime and acid phosphate should be used freely. You give us the kind of soil, and we will send you formula and cost of seed to use with good results. (Write for prices.)

Six "Holco" Superb Spencer Sweet Peas for 25c

A fine collection of six magnificent Spencers, including up-to-date varieties. We will send one full size packet each of six named, with our leaflet on Sweet Pea Culture, for 25 cts.

Tangerine (Deep orange)
Royal Purple (Rich purple)

Miss California (Pink)
King White

Royal Scot (Deep cerise)
Mrs. Tom Jones (Bright blue)

Grass Seed Prices Subject to Change

“Holco” Emperor Celery

Holco Emperor Celery is a distinct and foremost variety for fall and winter storing. It is of remarkably fine quality. The stalks are smooth and entirely free from stringy fibers. They measure over one-half inch through when cut. HOLCO EMPEROR has an unsurpassed crisp, nutty flavor. The plant will keep in perfect condition way into the following spring. The beauty of this celery is that it is far more easily blanched than most of the tall varieties. Although comparatively dwarf the plants are so solid that they weigh fully two pounds. The tops are dark green while the outer stalks blanch a beautiful white with a rich yellow heart. In size it averages 16 to 18 inches high while the blanched part is 7 to 10 inches long. Once grown by market gardeners or home gardeners, it is always sure of a large place in future plantings. HOLCO EMPEROR has been grown by the largest growers of celery who have tried nearly all varieties, and claim HOLCO EMPEROR is superior in quality to any other variety they have ever used. It commands a higher price on the market, due entirely to its wonderful flavor and brittleness. According to our increased demand for this celery the last few years, we can heartily recommend it for home gardeners as well as for large growers. **Pkt. 15 cts., ½ oz. 60 cts., oz. \$1.00; ¼ lb. \$2.75; lb. \$10.00.**



HOLCO EMPEROR CELERY

The Best and Richest Nut Flavored Celery Grown.
Without a Peer

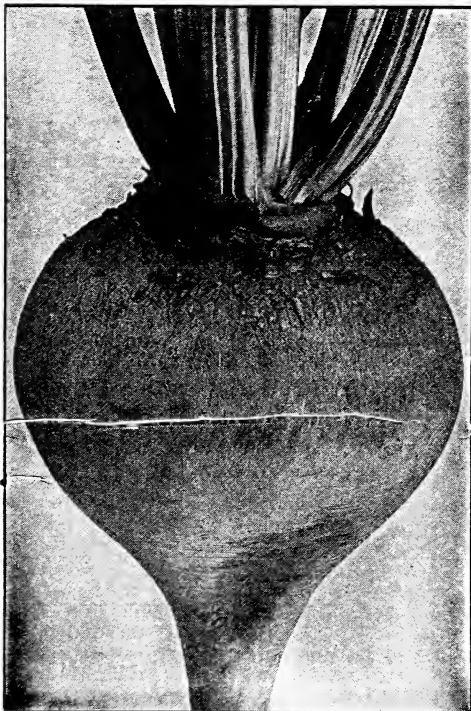
Mrs. J. C. Stewart, Pa. "Holco Emperor is the best celery we ever had; have been planting this variety for years and would not be without it."

Mrs. F. P. Leber, Pa. "I had wonderful results with your Holco Emperor Celery. My friends say they never ate better celery. It is so easy to grow and easy to keep."

Mrs. Emma Bowman, Ashland Co., Ohio. I think the "Holco" Seeds are fine. We like your "Holco" Emperor Celery, think we never had any quite so good.

Mrs. Oren Lebo, Penna. I have been using your Holco Emperor Celery Seed for three years. Our market customers say it is the finest celery on the market.

Mrs. Geo. Horning, Colo. "I have been sowing Holco Emperor celery for several years and never found any better. My friends only laughed at me at first when I told them I never had any as good as this kind, but when they got some celery plants from me and tried it for themselves they were thoroughly convinced it is so. Other kinds failed for me when Holco Emperor was a success."



HOLCO "GREEN TOP" BLOOD BEET
Has a most Delicious Flavor.

“Holco” Green Top Blood Beet

Unsurpassed in Quality

This new green top beet with a deep blood red root has only been on the market a short time. In quality it is considered the most tender and delicious flavor of any beet we know of. The main feature of this beet is that it is sweet and tender at all stages of growth, regardless of size or age. Holco Green Top Beet is one of the earliest on the market, but it can also be planted late and is considered one of the best keeping beets for winter use. We certainly can recommend this beet to all our customers who want an exceptionally fine beet. Some of the largest market gardeners in the state of Ohio have used this beet the last few years and claim they have never had a beet that sells as readily on the market. Within a few years' time Holco Green Top Beets have climbed from the bottom to be our leading variety in beets. As we have only a limited quantity of this particular beet, we would advise our customers to place their orders early in order to avoid disappointment. **Pkt. 15 cts., oz. 35 cts., ¼ lb. 95 cts., lb. \$2.50, 2 lbs. \$4.70, 5 lbs. \$11.00.**

Mrs. M. Shenberger, Ashland Co., O. "Your Holco Emperor Celery, Houser Cabbage and Green Top Beets I must say were all you claim for them, so will send for more seeds this year."



Asparagus

Can be started by sowing the seeds or setting out roots. A bed once properly made and planted, will last for years. When roots are one to two years old, set them 12 inches apart. The rows should be 8 to 10 inches deep, with width of 6 to 8 inches at the bottom. After spreading out roots, cover crowns with 3 inches of soil. With the growth of the shoots gradually fill in with earth until level with surface. Cultivate carefully during the season. An ounce will plant 50 ft. of row; and produce about 200 plants; 4 to 5 pounds to the acre.

PALMETTO. A very early maturing, large, dark green sort of excellent quality. Pkt. 10 cts., oz. 15 cts., 1/4 lb. 30 cts., lb. \$1.00, postpaid.

PEDIGREED WASHINGTON. Very rust-resisting sort, with a rich, dark green color. Tips long, tender and luscious. For the market or the home garden. Pkt. 15 cts., oz. 35 cts., 1/4 lb. \$1.25, lb. \$4.00.

Mary Washington. The largest, most prolific and highest grade asparagus known. Mary Washington is so much better you can see the difference. Our seed comes from the introducers. Pkt. 20 cts., oz. 50 cts., 1/4 lb. \$1.75, lb. \$6.00

Brussels Sprouts

Grown as both an early fall and winter vegetable. Seed may be sown in a hotbed or cold frame for an early crop, or outdoors early in May. Make rows 3 feet apart and have the plants stand 1 1/2 feet apart in the row.

The heads are improved by frost. When the young sprouts are well started the lower leaves may be stripped from the plant in order to admit light and air. Ounce will plant 200 feet of row.

LONG ISLAND IMPROVED. Excellent half dwarf variety. This large-headed variety has proved to be of decided merit, being of sturdy growth and producing abundantly large, solid, dark green sprouts, which are of excellent quality. Pkt. 10 cts., oz. 30 cts., 1/4 lb. 90 cts., lb. \$3.00, postpaid.

Our Leaflet on Asparagus Culture giving full directions will be mailed free when asked for.

H. D. Stine, Ohio. I always find your seeds the best of all.

ASPARAGUS

Vegetable Root HORSE RADISH—RHUBARB

Asparagus Roots

An Asparagus bed is a permanent investment and every garden should have one. Plant about 12 inches apart in the row, and rows 3 to 3 1/2 feet apart. Plant deep enough to permit the crowns to be covered about 3 inches, with rich, mellow soil. The roots may be planted either in the spring or fall. Two year old plants give best results. Supplied after April 1st. 100 roots for a patch 20x20 feet. About 4,000 plants to set an acre. Tied in bunches of 50 each. We have a very fine stock of field-grown roots.

	Doz.	100	1000
Mary Washington	\$0.50	\$2.50	\$20.00
Pedigreed Washington	.2-year-old \$.40	1.90	15.00
Giant Argenteuil	.....2-year-old .35	1.25	10.00
Palmetto	.....2-year-old .35	1.25	10.00

If by mail, add postage as follows: Doz. 8 cts.; 100, 50c.

Horse-Radish Roots (Ready in March)

Make the rows 3 1/2 feet apart, and put the cuttings about 18 inches apart in the row. Late in the fall lift as many roots as you think you will use during the winter, cut off the tops, place them in a cool cellar covered with soil or sand, and grate as wanted. A bed once planted remains for years.

Bohemian Maliner Kren. (Grown by the Introducers.) A much earlier and better producer than the common sort. The roots grow larger and whiter and the quality is superior. **Roots 40 cts. per doz., 100 for \$2.50, postpaid; by express at expense of purchaser, 50 for \$1.00, 100 for \$1.75, 250 for \$4.20, 1000 for \$15.00.**

RHUBARB See Page 35

Beans, Dwarf Yellow or Wax-Podded

This is one of the most important of all crops and may be grown on any soil of average fertility
One pound will plant 100 feet of row; 100 pounds to an acre.

Sure-Crop Stringless Wax

An Absolutely Stringless Bush Bean

Enormous Pod

Good Yielder

An Early Flat Wax-Podded Variety. Golden Yellow Wax Pods Without Rust

The plant is strong, dwarf, not too strongly branching, with large, almost smooth, lustrous green leaves. Bears an enormous crop of pods of a most beautifully yellow color. The pods are about six inches long and almost straight.

We have found it very early, which alone renders it extremely valuable. The color develops very early in the growth of the pods, which remain tender for a long period. The flavor is excellent, and both plant and pod are free from rust and blight.

Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

Pencil Pod Black Wax. Plants strictly bush form, Pods medium curved, round, creased-backed, fleshy, brittle stringless, with rather light yellow color. Quality good. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

ROUND POD KIDNEY WAX. Early yellow bean. Plants strictly bush form. Pods large, round, yellow, very brittle, absolutely stringless, remaining in good condition for use until full grown. Quality excellent. Pkt. 10 cts., ½ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 5 lbs. \$2.00, postpaid; 10 lbs. or more at 30 cts., per lb.

Unrivaled Wax. There is probably no variety of Wax Bean grown that has a greater all-round value than this one. It has a small plant, is very early, and bears enormous crop of pods about 5½ inches long, somewhat curved, semi-flat, rather fleshy, and of the finest texture and tenderness. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

Improved (Rust-Proof) Golden Wax

This is a great improvement on the old strain. Golden Wax is hardy, and so much less liable to blight or rust that it is one of the most desirable to grow of all Wax sorts. Pods 4½ to 5 inches long, straight, flat, meaty, light cream wax color, heavily filled, excellent quality. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.



IMPROVED (RUST-PROOF) GOLDEN WAX
If you want Quality then plant our seeds.



SURE-CROP STRINGLESS WAX BEANS
The Best of Them All.

WARDWELL'S KIDNEY WAX BEANS. Plant strictly bush form, foliage dark green. Pods large, flat, straight, somewhat recurved near stem end, rich yellow in color, brittle, stringless. When cooked, the pods are rather pale yellow, tender, meaty, with a mild, pleasing flavor. Quality very good. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

DAVIS KIDNEY WAX. An excellent bean for market. Pods white waxy color 5 to 5½ inches long, flat wide and straight. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

I have been getting "Holco" Emperor Celery for a long time, and it can't be beat for taste and keeping qualities. I have some till spring and it is the best of all celery. Mrs. M. Ranke, Pennsylvania.

SILVER BEAN. A distinct variety, sometimes called Crystal Wax, and not strictly a wax bean. The plants are vigorous, branching and very productive. The pods are greenish white with silvery shade, curved, round or thicker than wide, very fleshy and brittle. Pkt. 15 cts., ½ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 5 lbs. \$2.00, postpaid; 10 lbs. or more at 30 cts. lb.

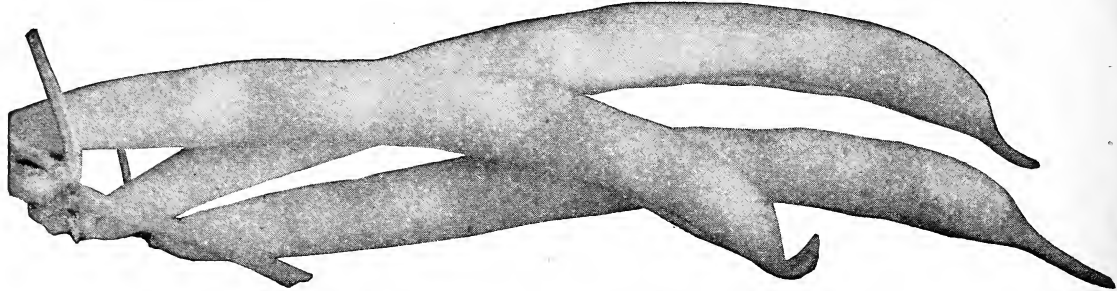
Mrs. Smith, Seylar, Penna. I bought the Pencil Pod Black Wax Beans from you and I cannot speak too highly of them. I market in a small way, and every one of my customers were delighted with them.

HODSON WAX. The bushes are of strong, vigorous growth, producing a heavy crop of very large stringless, flat, long, slightly curved wax pods, making a fine appearance. It matures a few days later than the early sorts, but is unusually free from rust, blight and other diseases. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs., or more at 25 cts. lb.

Beans, Green-Podded, Dwarf or Bush

All our Seed Beans are of highest quality, hand-picked, pure stock, tested for germination.

Please note that our packets are 10c because they are LARGE and should not be compared with the small 5c packets offered by others.



BOUNTIFUL BEANS

Most Prolific and Continuous Bearer

Bountiful Bean. The first in Spring, the last in Fall. Absolutely stringless. Very tender and of delicious flavor. Very hardy, extremely early, very prolific, bears continuously for several weeks. The rich green pods are of immense size, thick, broad, extra long, very uniform in shape, solid, meaty, of high quality. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. per lb.

Burpee's Stringless Green-Pod. Very hardy and extremely early sort of extra fine quality, long, round green pods, always solid, tender and of delicious flavor, meaty, brittle and stringless. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. per lb.

Stringless Refugee. The pods are absolutely stringless, round, quite fleshy, brittle and tender, and of fine flavor. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts., per lb.

Shell-Beans

DWARF HORTICULTURAL. Stringless pod. Excellent for both snap and green-shell purposes. The seed is large, round and somewhat mottled. The pods are long, round, very thick and fleshy. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. per lb.

LARGE WHITE MARROWFAT. Medium late beans of large size, good for shelling and using in green state. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts., lb.

EXTRA-EARLY RED VALENTINE. A hardy green-podded bush bean. Large, round, meaty pods. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. per lb.

FULL MEASURE. A round, smooth, early, absolutely stringless bush bean. Very prolific, exquisitely tender and brittle, of delicious flavor. Excellent for market and home gardens. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. per lb.

GIANT STRINGLESS GREEN-POD. Exceedingly productive. The pods are large and round, and the quality unexcelled. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75 postpaid; 10 lbs. or more at 25 cts. per lb.

Charles E. Petrie, Pa. I had splendid results with your seeds last year, and hope to receive the same this year. Yours for continued success

Robust Pea Bean or IMPROVED

WHITE NAVY

A much improved strain of the popular small white baking bean, which originated at the Michigan Agricultural Experiment Station. Very highly recommended on account of its heavy yielding and disease-resistant qualities. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

WHITE KIDNEY. Beans large size. Used as shell bean after being ripened. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25c lb.

RED KIDNEY. Beans large size. Used both green and dry. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Dwarf or Bush Lima Beans

Fordhook Bush Lima. Of strong, erect, true bush-like growth, the bushes average 20 to 30 inches in height, by 20 to 24 inches across the top. The pods are borne in clusters, and contain 3 to 5 large beans with an average of 4. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 5 lbs. \$2.00, postpaid; 10 lbs. or more at 30 cts. per lb.

HENDERSON'S BUSH LIMA. The beans are ready for use a week earlier than those of Burpee's Bush Lima. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Burpee's Improved Bush Lima. Produces a magnificent crop of pods, which measure from 5 to 6 inches long by $1\frac{1}{4}$ inches wide. Compared with Burpee's Bush Lima, both pods and beans are much larger. The sturdy bushes are truly enormous in size. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 5 lbs. \$2.00, 10 lbs. or more at 30 cts. per lb.

BURPEE'S BUSH LIMA. The plants are dwarf but very productive. The pods are very nearly as long as those of the pole Lima. They contain from three to five very large, flat beans. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 65 cts., 5 lbs. \$1.75, 10 lbs. or more at 25 cts. per lb.

Ten-Pound Prices Do Not Include Transportation

Holco Desirable Pole or Corn Beans

Plant as you would limas, in hills 3 feet apart each way, about 4 to 5 beans to the hill, eyes downward, when all danger of frost or cold nights is over. When up and established, thin out to 3 plants in a hill. One pound of seed will plant 150 to 200 hills; it requires about 25 pounds to plant an acre.

Pole Beans are not accorded in the north the same attention they deserve and receive in the southern part of the United States, where they are found in practically every market garden. They are frequently more tender and yield larger crops than the dwarf sorts. One planting lasts usually for the season.



KENTUCKY WONDER BEAN

Kentucky Wonder or Old Homestead

An early and fairly productive variety that climbs well and bears a fine crop of large pods, 7 to 9 inches in length. They are thick and meaty, tender, brittle, and of good quality, showing slight strings as the pods reach full size. If pods are gathered as they mature, the vines will continue to bear to the end of the season. Pkt. 10 cts., ½ lb. 20 cts., lb. 35 cts., 2 lbs. 60 cts., 5 lbs. \$1.50 postpaid; 10 lbs. or more at 22 cts. lb.

LAZY WIFE Excellent for snap-bean or shelled. Pod's about 6 inches long, thick and meaty, flavor fine. Pkt. 15 cts., ½ lb.

25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

LONDON HORTICULTURAL OR CRANBERRY. (Wren's Egg.) An old and well known variety, hardy, very productive, good flavor when shelled. The flat, long pods are streaked with carmine. Pkt. 10c, ½ lb. 25c, lb. 40c, 2 lb. 75c, 5 lbs. \$1.75 postpaid; 10 lbs. or more at 25c. lb.

Joseph Aultman, Ohio. I certainly am well pleased with the Lima Beans I bought from you. Every bean came up.

OLD-FASHIONED STRIPED SICKLE. One of the best quality; very popular with farmers and gardeners. The seed is gray, with black stripes; the pods long, meaty and stringless. Very heavy yielder. Pkt. 15 cts., ½ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 5 lbs. \$2.00, postpaid; 10 lbs. or more at 30 cts. lb.

WHITE SEEDED KENTUCKY WONDER. (Berger's Stringless Green-Pod.) Earlier than other sorts. The pods are long, borne in clusters, straight, of rich dark green, stringless, tender, sweet, mild flavor. The dry beans are pure white. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

KENTUCKY WONDER WAX. Yellow-podded Kentucky Wonder; bears a large quantity of rich golden yellow pods. Plants bear large pods; thick, meaty, stringless. Decidedly early. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

EARLY GOLDEN CLUSTER WAX. Bears long, flat, stringless golden yellow pods in clusters and continues for a long time. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

Lois Lybarger, Ohio. Your seeds are all splendid and never ail to grow. I thank you kindly for your fair and square dealings.

Pole or Climbing Lima Beans

Holco Green—Prolific Large-Seeded Pole Lima

Large Podded Heavy Cropper

The pods are truly gigantic in size, frequently measuring from 6 to 7½ inches in length by 1½ in width. The beans are extra large and thick; they are invariably of finest flavor. **Holco Green-Prolific** excels all other Limas in vigor of growth. The vines grow rapidly. The pods, borne in clusters of from 4 to 8, stand out well from the foliage. Pkt. 15c, ½ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 5 lbs. \$2.00, postpaid; 10 lbs. or more at 30 cts. lb.

Gardener's Delight Lima. This is an extra early pole lima. Abundantly prolific; delicious buttery flavor. It is fully a week earlier than any other pole sort; therefore, can be grown successfully where other sorts would be caught by frosts. It has the superb flavor of tender limas which are borne in large clusters from the base to top of pole. Pkt. 15 cts., ½ lb. 30 cts., lb. 50 cts., 2 lbs. 90 cts., 5 lbs. \$2.25, postpaid; 10 lbs. or more at 40 cts. per lb.

EARLY LEVIATHAN. This is very early. It will not only give large Lima Beans earlier than other strains, but is also extremely productive. The pods hang out from the foliage in large clusters and contain three or four and sometimes five large beans to the pod. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts., lb.

KING OF THE GARDEN LIMA. Pods medium, 5 to 6 inches long, broad, flat, filled with 4 or 5 immense white beans of finest quality. Pkt. 10 cts., ½ lb., 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

L. R. Mott, Chenango Co., N. Y.—"The Garland Tomato which I purchased from you was all that was claimed for it in your catalog. The fruit was of nice color and very smooth; in fact, this tomato gave us good satisfaction as any I have tried. I had some other seeds, and they all grew good, and in fact, produced results just as satisfactory as those obtained from seeds which cost more than the ones purchased from you. As far as I am concerned 'Holco' seeds are good enough for me."

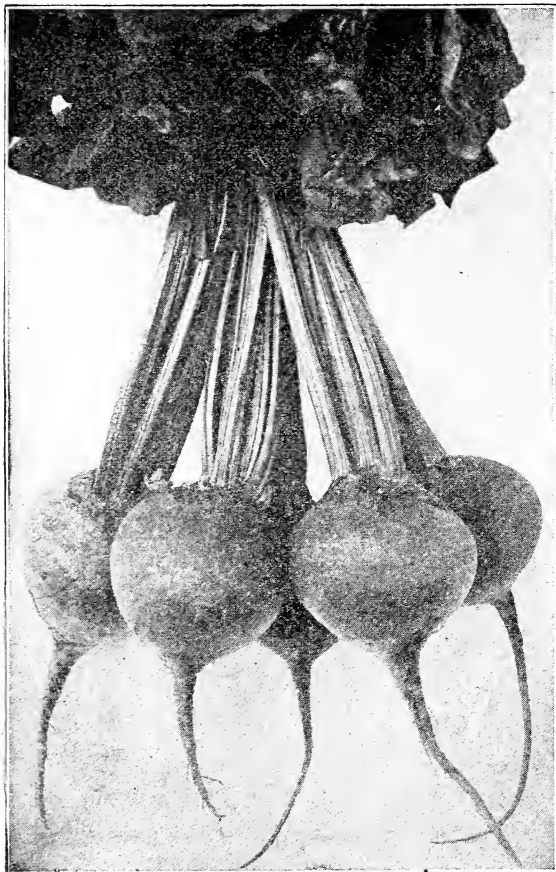


HOLCO GREEN PROLIFIC POLE LIMA BEAN

Holco Selected Beets

Beets are of universal culture. It is advisable to make repeated sowings in order that a constant supply of tender young roots may be had throughout the season. Seed may be sown as early in the spring as the ground can be worked into good condition. Sowings should be made for succession at least once a month up to the end of July. We recommend making a large sowing early in July to produce a supply of full-grown roots for winter use.

The seed should be sown thinly in drills from $\frac{1}{4}$ to 1 inch in depth, leaving 12 inches or more between the rows to admit cultivation. When well started, thin the plants to stand 3 to 4 inches apart in the row. One ounce will sow 100 feet of drill; 4 to 6 pounds are needed per acre in drills.



"HOLCO" FIREBALL BEET

Crosby's Egyptian (Special Stock)

The Most Popular Early Beet for the Home Garden and Market. Our special strain is earlier, darker in color and more even in maturity, with smaller tap roots and smaller top. Very smooth, sweet, tender, and of excellent quality. You can make no mistake in placing your order for this extra fine stock. In the production of this seed, selection is not only made for shape, but also for extreme earliness and high quality. The skin is very smooth bright red, flesh very sweet and tender. This Beet is good for forcing, as well as growing in the garden, and may be used while small. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25, 10 lbs. \$9.35.

ECLIPSE. Perfectly smooth; round; skin and flesh red; extremely early. Does not grow to large size, but is desirable for its earliness and sweet, tender quality. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20, 10 lbs. \$7.45.

Arnold Brothers, Pa. We are well pleased with the results we have had from your seeds and in your promptness in filling orders. Your Easy Bleaching Celery is exceptionally fine. We have tried it out with other strains but we shall continue growing it from your seed.

"Holco" Fireball Beet

A Specially Selected Strain—It Has No Superior An Early Maturing Beet. The Finest Shaped Beet in the World. The Deepest Blood Red of All Beets. Has No Equal for Table Use.

We want you to be sure to order this DEEPEST BLOOD-RED BEET. It has no superior. With critical market gardeners it is very popular. "HOLCO" FIREBALL has attractive appearance, perfect globe shape, very fine grained, rich and exceedingly tender flesh. The leaves are small, upright and borne on slender stems, occupying but a small portion of the bulb.

The roots are uniformly medium sized, with a very small tap root. The surface is remarkably smooth. The color of the skin and flesh is blood-red, the DEEPEST, BLACK BLOOD RED of any beet. They are crisp, tender and sweet. A most valuable sort to grow for early second crop successive plantings, and for late planting for Winter use. You will make no mistake when you sow "HOLCO" FIREBALL. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50, 2 lbs. \$2.75, 5 lbs. \$6.35, 10 lbs. \$11.25.

Detroit Dark Red

Extremely Early, Deep Red, Tender and Sweet

One of the best Beets for the market and home garden. Has a deep, rich color. Tops small, upright in growth; leaves dark green, shaded with red; root medium-sized, nearly round, very smooth, dark blood-red. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25, 10 lbs. \$9.35.

Early Wonder

Excellent Early Market Beet

Early, deep, blood-red, nearly globe-shaped root, small top and small clean tap-root. It is used very extensively for late fall sowing, as it matures two weeks earlier than any other desirable Beet. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25, 10 lbs. \$9.35.

EXTRA EARLY EGYPTIAN. Best variety for forcing and excellent for first-early crop outdoors, being very early, with small tops. Roots very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom, and about 2 in. in diameter when mature. Flesh dark purplish red, zoned lighter shade; firm, crisp, tender. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. 85 cts., 2 lbs. \$1.45, 5 lbs. \$3.05, 10 lbs. \$5.90.



EARLY WONDER BEET

Mrs. Em. D. Yoder, Wayne, Co., Ohio. I am well pleased with the seeds I bought from you.

Hilligos Greenhouse, Atchison Co., Kansas. The seeds received from you have germinated very satisfactorily and you may expect a nice order from me next year.

“Holco” Green-Top Blood Beet

Unsurpassed in Quality

This new green top beet with a deep blood red root has only been on the market a short time. In quality it is considered the most tender and delicious flavor of any beet we know of. The main feature of this beet is that it is sweet and tender at all stages of growth, regardless of size or age. Holco Green Top Beet is one of the earliest on the market, but it can also be planted late and is considered one of the best keeping beets for winter use. We certainly can recommend this beet to all our customers who want an exceptionally fine beet. Some of the largest market gardeners in the state of Ohio have used this beet the last few years and claim they have never had a beet that sells as readily on the market. Within a few years' time Holco Green Top Beets have climbed from the bottom to be our leading variety in beets. As we have only a limited quantity of this particular beet, we would advise our customers to place their orders early in order to avoid disappointment. **Pkt. 15 cts., oz. 35 cts., ¼ lb. 95 cts., lb. \$2.50, 2 lbs. \$4.70, 5 lbs. \$11.00.**

L. Preto, Portage Co., Ohio. "Enclosed find photos of my garden, taken June 23rd of this year. I cannot praise your "Holco" Green-Top Beets enough. They were just fine and yielded good. All seeds I received from you could be no better. I had a fine garden by using your seeds, and it opened the eyes of several people. They all wanted to know where I got my seeds, and I gave them your address."

IMPROVED EARLY BLOOD TURNIP. Selected stock. Root nearly round; flesh deep red, sweet, crisp, tender. For summer and autumn use. **Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. 85 cts., 2 lbs. \$1.45, 5 lbs. \$3.10, 10 lbs. \$5.90.**

HALF-LONG BLOOD. The roots are smooth, flesh bright red, quality excellent. For winter use the seed should be sown early in July. **Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. 85 cts., 2 lbs. \$1.45, 5 lbs. \$3.10, 10 lbs. \$5.90.**

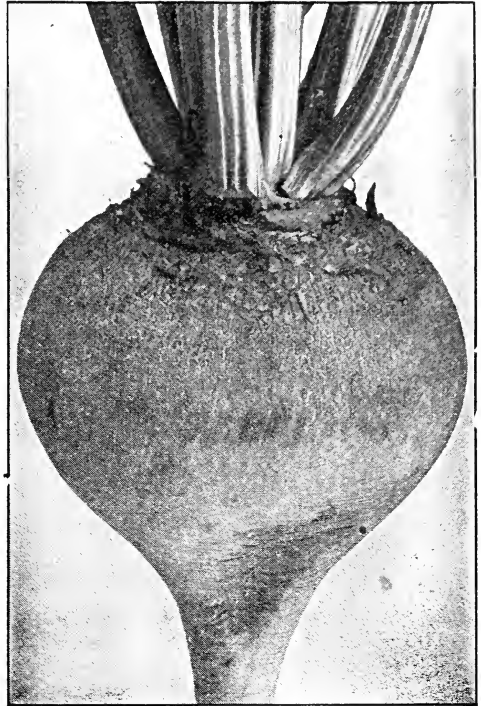
Swiss Chard, or Spinach Beet

The plants are cultivated for the leaves which are used for "greens," the same as spinach or beet-tops; they are equal in quality and easier to prepare than spinach, and far superior to beets. Sow as early in spring as the ground can be worked, in rows 12 inches apart, and thin out to 5 inches apart in the rows. As it grows, thin out for use. It can be used all summer when spinach is not available.

GIANT LUCULLUS. Is more productive than the common plant. It grows to a height of two to two and one-half feet, and has thick, heavy, cream-white stalks, one and one-half inches broad. The leaf is of fine flavor, deeply crumpled, and free from fibre. **Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20, 10 lbs. \$7.45.**



GOLDEN TANKARD



“HOLCO” “GREEN TOP” BLOOD BEET
Has a most Delicious Flavor.

Mangel-Wurzel and Sugar Beets

For Stock Feeding

These require the same soil and climatic conditions as sugar beets and are sown any time up to June 15. Mangel-Wurzels are very valuable for stock feeding, particularly in sections where it is too cool to grow a good crop of corn. One ounce sows 100 feet of drill; 5 pounds per acre in drills. Sown broadcast, 15 to 20 pounds per acre.

GOLDEN TANKARD. Smooth yellow-fleshed Mangel; roots are of large diameter, tapering quickly at the bottom, which is quite broad, with only a small taproot. Grows largely above the soil, easily harvested. Yields an enormous bulk. **Pkt. 10 cts., oz. 15 cts., ¼ lb. 25 cts., lb. 60 cts., 2 lbs. \$1.05, 5 lbs. \$2.25.**

MAMMOTH PRIZE LONG RED. Heaviest cropping and largest of all Mangels. Dark, richly colored foliage; skin bright dark red, white flesh, with veined rings of rose-pink. **Pkt. 10 cts., oz. 15 cts., ¼ lb. 25 cts. lb. 60 cts., 2 lbs. \$1.05, 5 lbs. \$2.25.**

DANISH SLUDSTRUP. Is considered one of the best of Mangels, having been awarded first-class certificate. In color it is reddish-yellow and of a distinct type. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above ground and is easily pulled. **Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts. lb. 75 cts., 2 lbs. \$1.25, 5 lbs. \$2.70.**

POLISH “ELITE” SUGAR BEET. Has the highest sugar percentage. The great yield in weight combined with the high sugar content make this one of the very best of the sugar beets. Recommended as a winter food for milch cows. **Pkt. 10 cts., oz. 15 cts., ½ lb. 25 cts., lb. 60 cts., 2 lbs. \$1.05, 5 lbs. \$2.25.**

GIANT HALF SUGAR. Superior to mangels for stock-feeding purposes, more nutritious having a large amount of sugar. Grows partly out of ground. Large size, yields enormous crops. **Pkt. 10 cts., oz. 15 cts., ¼ lb. 25 cts., lb. 60 cts., 2 lbs. \$1.05, 5 lbs. \$2.25.**

Cabbage

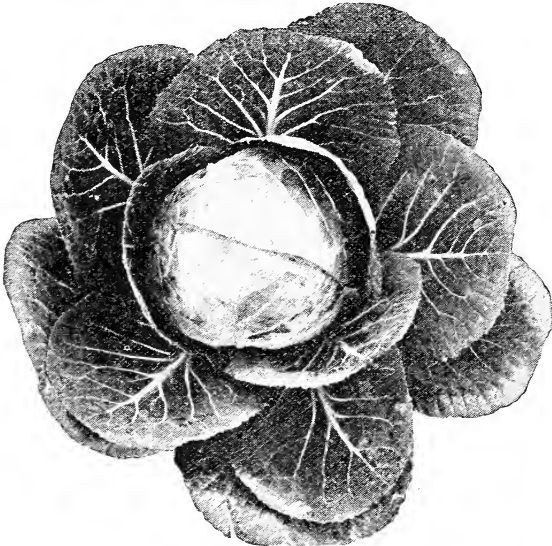
One ounce will produce about 3,000 plants; 4 oz. will produce enough for an acre. Our strains are the very best to be had, selected from specimen heads in well rogued fields. Sow seeds of the early varieties in February in hotbeds and transplant the latter part of April or early in May to open ground, or an early sowing in open ground can be made as soon as weather will permit. Set the plants in rows 3 feet apart and 12 to 18 inches apart in the row. The second early varieties sow in April and transplant in May; late varieties, sow in May and transplant in July, setting plants in rows 3 feet apart and 2 feet in rows. Never plant cabbage in the same location two years in succession.



COPENHAGEN MARKET CABBAGE
It pays to plant our proven stock.

LARGE WAKEFIELD OR CHARLESTON. Heads are not so pointed, of equal solidity with the original Jersey Wakefield; grow half again as large, reaching full size ten days later. Pkt. 10 cts., 1/2 oz. 20 cts., oz. 30 cts., 1/4 lb. 85 cts., lb. \$2.75, 2 lbs. \$5.00.

EARLY WINNIGSTADT. Heads are same size as Jersey Wakefield but more sharply pointed in form and not so early. Leaves rich dark green, slightly glassy, tightly folded heads being the hardest of any early pointed cabbage. Pkt. 10 cts., 1/2 oz. 15 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.50, 2 lbs. \$4.45.



GOLDEN ACRE CABBAGE
Early small solid head

Copenhagen Market

Best Early Round Head (Danish Grown)

It is very great satisfaction, indeed, to be able to offer this valuable early Cabbage, producing round, hard heads very early in the season. As early as the Wakefields. The most popular early Cabbage in the markets. Market-gardeners are enthusiastic about it on account of its extreme earliness and solid, 8-pound heads, with a small core and always of excellent quality. The plants are short-stemmed, producing heads almost on the ground. The leaves are medium in size, saucer-shaped, and are always tightly folded; the plants may therefore be set close. A vigorous grower and yielder and an excellent keeper. Our stock of Copenhagen Market comes to us direct from the originator, is absolutely true to name. Seed we offer for sale is proven stock. Pkt. 10c, 1/2 oz. 25 cts., oz. 40 cts., 1/4 lb. \$1.20, lb. \$4.00, 2 lbs. \$7.25.

Selected Early Jersey Wakefield. Plants are dwarf compact and produce heads very early. Erect and conical in form, very uniform and even in size as well as time of heading. Our seed of both "Wakefields" is the choicest Long Island grown; this special strain is most highly recommended. Pkt. 10 cts., 1/2 oz. 20 cts., oz. 30 cts., 1/4 lb. 85 cts., lb. \$2.75, 2 lbs. \$5.00.



SELECTED EARLY JERSEY WAKEFIELD

Golden Acre

An excellent sort from Denmark. This is a wonderfully fine, round headed, extra early cabbage which matures earlier than Early Jersey Wakefield. The heads are as round as a ball. The plant is small and very compact with small round leaves.

Compared with Copenhagen Market, this cabbage matures a couple of weeks earlier but is otherwise quite similar to a fine strain of that variety.

Owing to its earliness and remarkable uniformity this new cabbage will be a most satisfactory variety to raise for the early market.

We would suggest that all gardeners who are interested in early cabbage should try the Golden Acre this year, so that they may see for themselves what remarkably fine cabbage it is.

Pkt. 15 cts., 1/2 oz. 45 cts., oz. 75 cts., 1/4 lb. \$3.00, lb. \$10.00, 2 lbs. \$18.00.

Mrs. Thos. S. Nielson, Pa. Holco Emperor is wonderful; it can't be beat. Copenhagen Market, Holco Houser and Autumn King Cabbage are great. They are all such splendid keepers.

Glory of Enkhuizen

Early Round, Solid Head Cabbage

Originated in Holland. The large sized, ball-shaped heads are very firm and solid, leaves being fine ribbed and exceedingly tender. It is a dwarf and compact grower, allowing close planting; in fact some of its enthusiastic admirers claim it will yield more tons per acre than any other variety on account of close planting. This is not only a valuable early sort, but it grows so large that it can be profitably raised for main crop for fall use. On account of its quick growth, this cabbage is a most desirable sort for market gardeners to set out late in July, after early potatoes or other spring crops are harvested. This cabbage is extensively grown and is extremely popular with market gardeners. Originator's stock.

Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ¼ lb. 85 cts., lb. \$2.75, 2 lbs. \$5.00.

Note—Slug Shot kills cabbage worms absolutely. Can be used without danger. 1 lb. 20c, 5 lbs. 65c, postpaid.

All-Head Early. An excellent early sort. Heads large, solid and flat, very deep for so early a cabbage; stem is short. Well adapted for kraut. The seed we offer is of superb quality. Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ¼ lb. 85 cts., lb. \$2.75, 2 lbs. \$5.00.

ALL SEASONS. Heads, large round and deep; can be planted for early or late crop. A splendid keeper and kraut sort. Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ¼ lb. 85 cts., lb. \$2.50, 2 lbs. \$4.60.

EARLY SUMMER. Medium size heads, round, somewhat flattened; solid. Pkt. 10 cts., ½ oz. 15 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50, 2 lbs. \$4.60.

SUCCESSION. One of the best second-early sorts; heads large, somewhat flat. Pkt. 10 cts., ½ oz. 15 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50, 2 lbs. \$4.60.

AUTUMN KING or World Beater. Largest of all cabbage; heads flat and solid. Late sort. Pkt. 10 cts., ½ oz. 15 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50, 2 lbs. \$4.60.

Penn State Ballhead



PENN STATE BALLHEAD

This strain is the result of the most patient and careful selective breeding carried on by Prof. C. E. Myers, at the Pennsylvania Agricultural Experiment Station, since 1912. The stem is short, and the outer head leaves frequently become tinged with purple as the plants mature. When grown on soil of average fertility, the heads weigh from four to six pounds. They are extremely solid and firm, and their keeping qualities are unequalled with one exception—Holco-Houser. This variety is exceptionally valuable because of its resistance to Black-leg. Our seed was grown from original stock, furnished by the Pennsylvania Experiment Station. As the seed crop of this variety is very short, we advise ordering early. Pkt. 20 cts., ½ oz. 45 cts., oz. 80 cts., ¼ lb. \$2.50; lb. \$8.00.

Geo. Matula, Penna. We are well pleased with the seeds we got from you. To prove it, we are sending for another order. The Penn State Ballhead Cabbage seed we got from you produced excellent cabbage.



GLORY OF ENKHUIZEN CABBAGE

A perfect crop can be had by planting our seeds.

Volga. (Early Stonehead). A second early sort; plants are of low growth. Heads are deep through and smoothly rounded on the top. Exceptionally hard and solid; stands a long time without bursting. An excellent cabbage for early market. Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ¼ lb. 85 cts., lb. \$2.75, 2 lbs. \$5.00.

SUREHEAD. All head and always sure to head; excellent late cabbage of the Flat Dutch type. Heads large, round and flattened; hard; very solid and fine-grained. Splendid keeper. Pkt. 10 cts., ½ oz. 15 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50, 2 lbs. \$4.60.

Premium Late Flat Dutch. A very popular cabbage with gardeners. Plants are hardy; stem rather short; excellent keeper. Pkt. 10 cts., ½ oz. 15 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50, 2 lbs. \$4.60.

RED DANISH STONEHEAD. This cabbage is almost identical in every respect with Danish Ballhead except in its color. The head is very solid and the rich red color extends farther into the center of the head. Pkt. 10 cts., ½ oz. 20 cts., oz. 35 cts., ¼ lb. \$1.00, lb. \$3.50, 2 lbs. \$6.25.

MAMMOTH ROCK RED. This is the largest -heading of all red varieties. The heads are slightly rounded. Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ¼ lb. 85 cts., lb. \$2.75, 2 lbs. \$5.00.

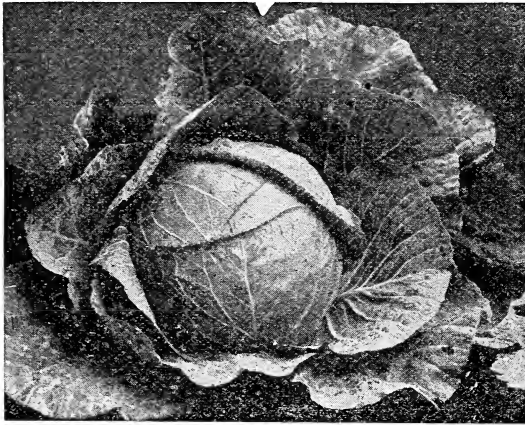
AMERICAN DRUMHEAD SAVOY. The plants are vigorous, of medium size, with rather short stems and are very sure heading. The outer leaves are thick, fleshy and densely and uniformly crumpled; the heads are large, nearly round, solid, sweet and tender. Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ¼ lb. 85 cts., lb. \$2.75, 2 lbs. \$5.00.

Mrs. Chas. C. Faulkner, Ohio. The Seeds we received from you last year were so good that we are trying them again.

Holco Houser

Remarkable Late Cabbage

Holco Houser is the latest hard heading, smallest heart, long keeping cabbage grown. Its wonderful quality, extremely small heart and fine ribs are features not found in any other cabbage. The heads are round and deep, developing a very slight oval shape at the top. Holco Houser is very solid, the heads weighing 10 to 12 pounds at maturity. If it cracks or bursts it is always on the stem end, which does not destroy its use for market. Holco Houser leads all other varieties as to keeping qualities, color and shape. Its strong, vigorous growth, with ability to withstand drought makes it a most valuable cabbage. We advise setting the plants out a few weeks ahead of any other late sort, as it requires considerable longer to mature. If you once grow Holco Houser, you will never be without it. The demand for this cabbage is remarkable. Pkt. 15 cts., ½ oz. 35 cts., oz. 60 cts., ¼ lb. \$1.75, lb. \$6.00, 2 lbs. \$11.00.



HOLCO HOUSER CABBAGE

Largest, hardest heading cabbage grown.
You can grow it just as fine by sowing our Originator's Strain.

Genuine Danish Ballhead

The most popular cabbage for winter because of its great solidity and excellent keeping qualities. The magnificent heads are round, extremely solid and will keep in finest condition through the winter. Our special Danish-grown strain has a reputation for uniformity of shape, size, color and high yield. We recommend this variety very highly. Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ¼ lb. 85 cts., lb. \$3.00, 2 lbs. \$5.35.

Danish Roundhead

SHORT-STEM BALLHEAD, having less outer foliage, this sort is better able to resist blight, being, in most sections, as vigorous in growth as the best American types. Heads mature earlier. Are unusually solid, and beautifully white when trimmed. This cabbage will head under the most adverse conditions, never failing to produce a crop. A splendid keeper when stored away for the later winter and spring. Seed imported direct from Denmark by us. Pkt. 10 cts., ½ oz. 20 cts., oz. 30 cts., ¼ lb. 85 cts., lb. \$3.00, 2 lbs. \$5.35.



DANISH ROUNDHEAD,
SHORT-STEM

Chinese Cabbage

Healthful and Tasty

For successfully raising Chinese Cabbage, cool weather is very essential. Where the summers are warm, the sowing should be delayed until early August. The plants develop very quickly, forming large tightly folded heads of tender leaves. They are blanched very similar to celery. Chinese Cabbage can be served as a salad like lettuce, and when cut makes a delicious cold slaw. It can also be boiled and is more palatable than ordinary cabbage. Culture same as for winter cabbage—rows about 24 inches apart. When the plants are 5 to 6 inches high, thin out to 10 inches apart.



PE-TSAI - From a Photograph
A delicious new vegetable.

Chinese Cabbage is also very highly recommended for poultry feeding. The leaves require no cutting, as they are so tender and the whole head is entirely edible.

PE-TSAI is a variety that is well-known. The outer leaves are large, light green in color, while the center is nearly white with very tender stalk and heart. Pe-Tsai is one of the earliest maturing varieties, and has a much larger head than Wong Bok. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50, 2 lbs. \$4.50.

WONG BOK has been giving excellent results, although the stalks are shorter and much heavier than Pe-Tsai. The plant is very tightly folded and looks very similar to a large stalk of celery. It should not be planted early, as all Chinese Cabbage seems to make its best growth from late July or early August sowings. Pkt. 10 cts., oz. 30 cts., ¼ lb. 85 cts., lb. \$2.75, 2 lbs. \$4.95.

C. A. Sommer, Jay Co., Ind. The garden seeds we got from you last year are fine. We have the best garden this year we ever had. Will have another order when we get your next year's catalog.

A. M. Bates, Cumberland Co., Penna. I raised Cabbage from your Copenhagen Market this year that weighed 14 lbs. to the head.

Mr. M. R. Tischler, So. Dak. Your service and seeds were very satisfactory, and you can look for a big order next year.

Carrots

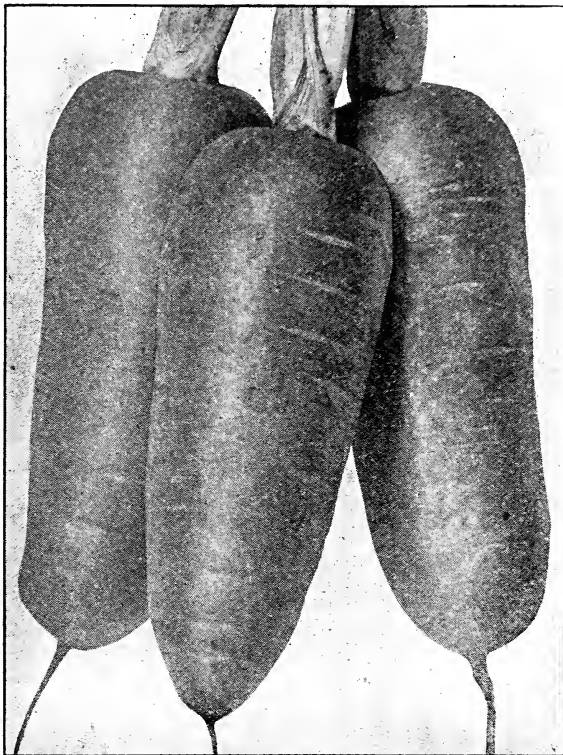
One of the few crops that will do well in all soils, although a deep mellow soil is always preferable. They should be deeply worked and receive constant cultivation during growth to insure smooth, straight roots, which is very desirable. Cover the seed about one-half inch, pressing the soil firmly. Sow as early in the spring as the ground can be worked. For a late crop, sow from May 1st to July 1st in drills 15 inches apart and thin out to three to four inches apart in the row. One ounce will sow 100 feet of row. Three to four pounds of seed will sow an acre.

Chantenay. The true type is half long, thick and very stump rooted, and in dimensions $5\frac{1}{2}$ inches long; 2 to $2\frac{1}{2}$ inches thick at the crown and tapering to 1 to $1\frac{1}{2}$ inches at the bottom. At the crown the top is small and set in a slight depression. The color is bright orange scarlet. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

Danvers Half Long. This is the most popular variety used in America, the demand for it usually exceeding that of any other variety by at least 50%, and it is used for both table and stock. The true type is half stump or semi-pointed from 7 to $7\frac{1}{2}$ inches in length from the crown to the tip. The color is bright orange scarlet. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

LONG ORANGE. The true strain is 10 to 12 inches long, $\frac{3}{4}$ to 2 inches thick at the shoulder, tapering $\frac{1}{4}$ of the root is bright orange scarlet. Do not plant Long Orange until soil is prepared to a depth of ten inches. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20.

Coreless. An early smooth sort about five inches long, $1\frac{1}{2}$ inches thick; cylindrical; blunt at the end; has small short top; color bright orange red; of excellent quality; without core. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$2.00, 2 lbs. \$3.70, 5 lbs. \$8.70.



CHANTENAY CARROT

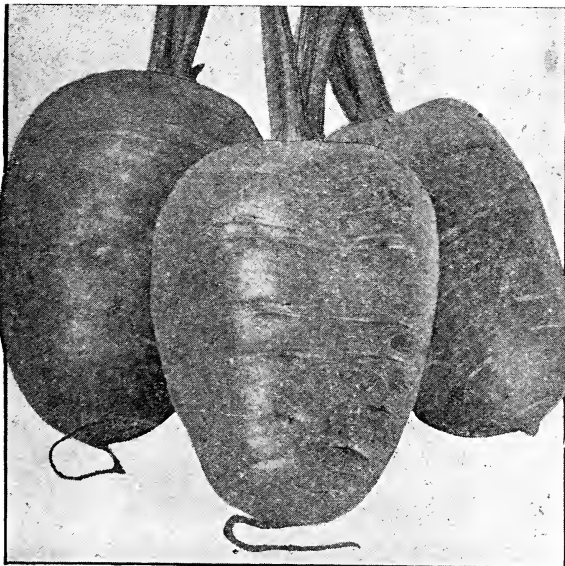
A most popular sort. Grown from our fancy strain.

Oxheart. (Guerande). The true type when fully grown is $5\frac{1}{2}$ to 6 inches long, $3\frac{1}{2}$ to 4 inches thick at the shoulder and 2 to $2\frac{1}{2}$ inches thick at the bottom. It is very stump rooted. The color is bright or light orange scarlet. Oxheart is a heavy cropper having a large amount of edible flesh to the root. It is easily dug, being short and nearly globular, and can be easily pulled or plowed out without breaking. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

NANTES. In quality, for table use, it is unsurpassed. The true type is long and cylindrical, about $6\frac{1}{2}$ to 7 inches long and 1 to $1\frac{1}{2}$ inches thick, very stump rooted. The color is pure orange scarlet. The skin is very smooth. The tops are small. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50, 2 lbs. \$2.75, 5 lbs. \$6.35.

SCARLET HORN. A popular early market variety. The true type when fully grown is about 3 to $3\frac{1}{2}$ inches long. The color is bright orange scarlet. The roots are usable when very young. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

SHORT WHITE IMPROVED. (For Stock.) The most popular and best of the white sorts and used wholly for stock. When fully grown is usually eight inches long and three inches thick at the shoulder. If planted in rich soil heavily fertilized, will grow to a very large size. Tops rather large and dark green. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts., 2 lbs. \$1.45, 5 lbs. \$3.00.



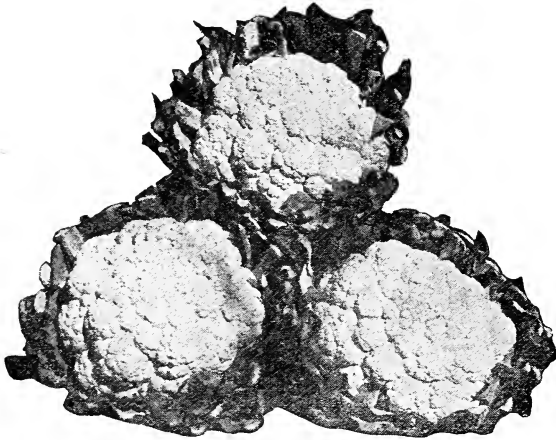
OXHEART CARROT

Our seed produces perfect specimens.

Cauliflower

For earliest cauliflower, raise plants by sowing in hotbed or greenhouse during January or February and transplant to flats or cold frames two to three inches apart each way. Set in the open ground as soon in the spring as the ground can be put in good order. Soil should be warm, rich, fibrous loam if possible, and well supplied with humus and moisture. During dry weather, especially when the plants are heading, it is advisable to give light dressings of Nitrate of Soda or Potash, as this will help to form a much better head. The plants should be set 2 to 2½ feet apart each way when heads are formed. They should be blanched by drawing the leaves together and tying the tops with raffia or pieces of cloth. Cauliflower to be used for late pickling should be started in the open ground, just like late cabbage and handled in the same manner. One ounce will produce 1600 plants.

(Our Leaflet, "How to Grow Cauliflower," free when asked for)



MOUNTAIN SNOWBALL
Plant Our Seed for Best Results.

Dry Weather

Early Drought Resisting
Excellent Quality

This variety produces solid, pure white heads, only a week or ten days later than Early Snowball. The heads are considerably larger in size, with more foliage. Therefore, not so suitable for forcing because the plants require more space for development and strong growth. This sort is especially fitted for dry and hot weather and for sections subject to long dry seasons. It is a sure heading variety and will produce when most other sorts fail. This variety is especially recommended for open ground planting where the highest yield is desired. **Pkt. 25 cts., ¼ oz. 75 cts., oz. \$2.50, ¼ lb. \$8.00, 1 lb. \$25.00.**

EARLY SNOWBALL. This is an early dwarf variety, although many market gardeners are using Early Snowball both for early and late planting. It is a popular extra early variety of dwarf, compact growth. The heads are solid, of medium size, and generally used for either outside or forcing. On account of its compact growing habit it permits very close planting. **Pkt. 15 cts., ¼ oz. 65 cts., oz. \$2.00, ¼ lb. \$7.00, 1 lb. \$25.00.**

EXTRA EARLY DWARF ERFURT. One of the best sorts for field cultivation, especially for late crops. Under ordinary conditions produces large, deep and very solid white "flowers." **Pkt. 15 cts., ¼ oz. 65 cts., oz. \$2.00, ¼ lb. \$7.00, 1 lb. \$25.00.**

VEITCH'S AUTUMN GIANT. This variety is recommended where a very large late sort is desired. The heads are very large, white, compact, and are generally used for late canning or shipping, as they are very hardy and will stand more than most early varieties. Veitch's Autumn Giant is often sold under the name of California Wonder. **Pkt. 10 cts., oz. 65 cts., ¼ lb. \$2.00, 1 lb. \$6.50.**

Mountain Snowball of Known Vitality and Purity None Better

We are strongly recommending this sort which does not sacrifice the fine large size for earliness of maturity, for early outdoor cultivation. It is widely grown in western New York, Colorado and Delaware Co., N. Y. After exhaustive tests, **Mountain Snowball** has proven to be thoroughly established in Cauliflower-producing sections of this country of such varied character that we believe it would pay you to give it a trial; not only because we know it to be a fine sort, but because we know what crops have been produced from it. Our opinion is based on many years' experience and from results obtained by gardeners in the Cauliflower producing sections. **Mountain Snowball** is for outdoor culture on account of its earliness, vigorous growth, handsome appearance, and high quality. We have furnished Cauliflower seed to large growers with excellent results. We advise you not to delay in placing your order for this wonderful strain. **Pkt. 25 cts., ¼ oz. 75 cts., oz. \$2.50, ¼ lb. \$8.00, 1 lb. \$28.00.**

Julius Evans, Mercer Co., Pa. Please send me one of your new Seed Catalogs. I bought seeds from you last year and they were all good.

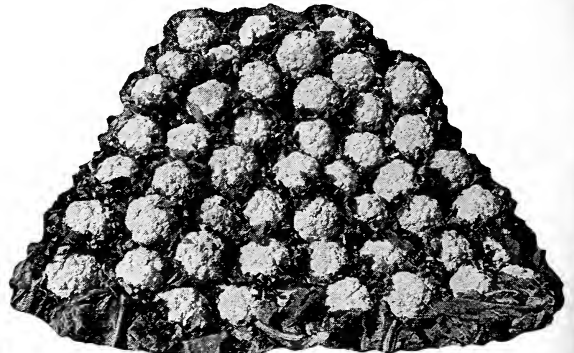
Fred Berkman, Mahoning Co., O. I have always found your seeds equal to any on the market.

W. W. Sykes, Ohio. I am more than pleased with the results obtained from your seeds. Your Cauliflower seed is the finest I have ever grown.

We suggest changing the locality of your Cauliflower field each year, keeping the crop growing at all times.

"Holco" Earliest

We have given this variety much care and attention, and think we have the earliest quick growing Cauliflower for family or market garden. It is also very desirable for forcing or for cold frames. It has been used by our customers in all sections with excellent results. They all say it is one of the best they have ever grown. It is a dwarf variety with short outer leaves, and can be planted as close as two feet apart each way. It always makes a fine large snow white head, much earlier than any other variety, and is surely a prize winner. **Holco Earliest** Cauliflower has been carefully grown for our trade, in Denmark where the finest Cauliflower is produced. **Pkt. 25 cts., ¼ oz. 80 cts., oz. \$3.00, ¼ lb. \$8.50, 1 lb. \$30.00.**



"HOLCO" EARLIEST CAULIFLOWER
It is remarkable for extreme earliness and sure-heading qualities.

Celery

One of the most popular vegetables for the table during fall and winter. Celery seed is slow to germinate, and ample time must be given. Sow seed in seed beds or boxes during February or March. Set plants in rich soil during June or July, six inches apart. Make the trenches 6 to 8 in. wide at the bottom so that rains will not wash the earth over the young plants. As plants grow, cultivate the ground into the trenches. When plants are large, heap earth around stalks to whiten them. One ounce will produce about 8,000 plants, one-fourth pound for an acre.

Meisch's Special Celery

The Easiest and Quickest to Bleach

(Proven Stock). This new strain of celery is a product of fifteen years selection and improvement by Sebastian Meisch, the originator, of New Jersey, from individually selected, fully matured and marketable plants which were carried through the winter and grown to seed the following spring; every parent plant subjected to the most rigid inspection and careful selection for trueness to type and freedom from disease. It is noted for its wonderful golden color and early maturity. Because of its resistance to both early and late blight and heart rot, wherever it has been tried it has displaced to a large extent, other sorts.

Our customers who have used this celery the past few years are certainly well pleased with it, because of the great demand and the fact that it commands a much higher price than any other celery on the market. A very distinctive feature of this variety is its keeping quality; it may be successfully stored until late in the winter. Our supply comes direct from Mr. Meisch himself, so you are sure of getting the true strain. Pkt. 25 cts., $\frac{1}{2}$ oz. \$1.25, oz. \$2.25, $\frac{1}{4}$ lb. \$8.00, lb. \$30.00.

Peter Nev, Huron Co., Ohio. The Meisch's Special Celery Seed I purchased from you produced the finest celery I ever had. I will want the same kind for next year.

Giant Pascal

This is a well-known standard Celery of excellent quality. The stalks are dwarf, compact, and of stocky growth. The plants are very productive with short upright leaves of a rich, dark green color. After they are blanched they are a most attractive and appetizing light yellow shade. The quality of Giant Pascal is considered much better than most varieties. It is a typical winter celery which can be kept in storage late into the following spring. Extensively used by some of the largest growers on account of its unusual shipping qualities; and is also highly recommended for the home garden. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

N. P. Neill, Ohio. Enclosed find an order for one pound of your Giant Pascal Celery Seed. I was very much pleased with the quick germination of the seed that I purchased from you last season.

White Plume

Earliest and most easily blanched, but does not keep well if taken from the trenches. The plants grow rapidly and blanch easily during the summer months. Later in the fall the central stalks and leaves are of pure snowy whiteness, even without earthing up, but stalks should be gathered together and earthed up as in other varieties, so as to produce close, attractive bunches. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.



GOLDEN PLUME CELERY

Grown from Our High Quality Seed. One of the Best for Market.



MEISCH'S SPECIAL CELERY

The easiest and quickest to bleach.

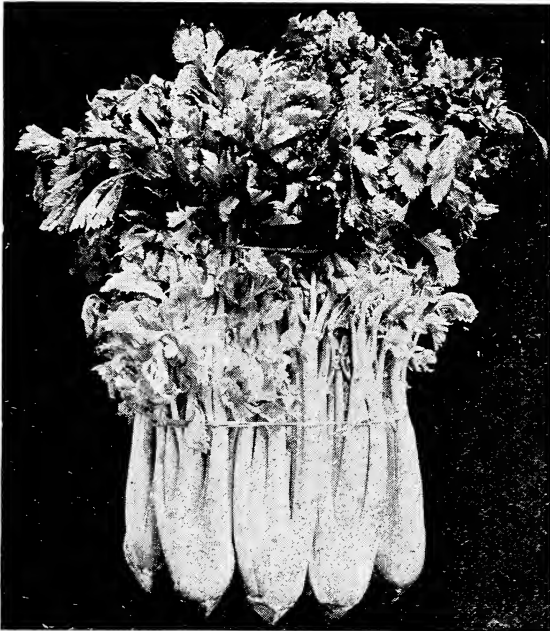
Golden Plume

(Known as Wonderful). An outstanding new variety of recent origin; has registered an immediate success wherever it has been tried out. The plants are of strong growth with a well-blanched, solid heart. This variety is very popular among market gardeners because of its earliness, vigorous growth, resistance to blight and rust, and for its splendid keeping qualities. The color is a rich golden yellow throughout, self-blanching, of fine flavor, crisp and brittle without stringiness. Golden Plume is very desirable for the home garden on account of its easy culture, as it requires no banking and is a self-blanching variety. Pkt. 15 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1.00, $\frac{1}{4}$ lb. \$3.25, lb. \$12.00.

J. R. Nye, Marshall Co., Ind.—I raised some fine Celery from your Golden Plume last year. Some of it was thirty-three inches in length and had from forty-two to fifty, good stems to each plant. It was of fine flavor and very crisp.

Easy-Blanching

A variety that has become very popular, owing to its easy bleaching qualities. The plants are of medium height, great vigor, having thick, broad stalks with shallow ribs. The leaves are light green but densely crumpled. Its appearance is different from any other celery. Easy-Blanching develops very rapidly and is not affected by celery diseases, heart rot, or blight. Any amateur can grow this variety successfully during the entire season. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.00, lb. \$7.50.



GOLDEN SELF-BLANCHING CELERY (New Strain)
Excellent for Home or Market.

Robert Jackson, Mich. I am sending you a sample of celery grown from your Paris Golden Yellow Self-Bleaching, (new strain). There is no better celery grown in this swamp.

Columbia

A valuable celery to follow Golden Self-Blanching; stored at the same time, it will be ready just as soon as the Golden Self-Blanching is gone. The plant is of medium height but very stocky and heavy. The stalks are thick, almost round, of highest quality and very attractive in appearance. The foliage is of a distinct light shade of green with a tinge of yellow. This variety is especially recommended for long keeping or for shipping, making it an excellent home or market sort. Our stock is of the genuine Columbia type and will produce a good crop under favorable conditions. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Chicory

Plants should be thinned out to stand four to six inches apart. One ounce to 100 feet of row.

LARGE ROOTED, OR COFFEE. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

WITLOOF-CHICORY, OR FRENCH ENDIVE. Is used principally as a winter salad. Sow seed in the open ground. The roots are lifted in the fall, and stored in a cool place until wanted for forcing. They can be forced in any warm cellar. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Corn Salad

The directions given for growing spinach apply to corn salad as well. Leaves should be gathered when four to six inches long. The first crop is ready sixty days after planting. It is quite hardy and after cool weather sets it can be protected by a thin mulch of soft hay or straw. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Cresses

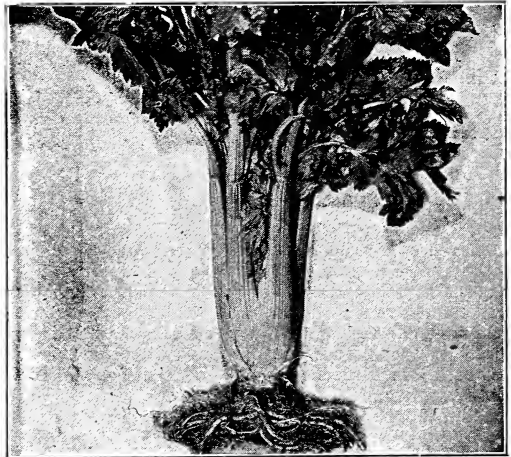
CURLED CRESS, OR PEPPER CRESS. Makes a very rapid growth in any garden soil. Should be cut

Golden Self-Blanching or Paris Golden Finest French-Grown Seed

(Proven Stock) This variety, of French origin, is now one of the most extensively grown sorts, both for private use and for market. The larger growers insist upon having only French grown seed even though it costs double the price. We offer two strains of this variety as follows:

OLD STRAIN. The stalks are of dwarf compact growth, being thick, crisp and brittle, hearts large and solid. We handle the originator's seed only, no other imported seed of this variety. Pkt. 15 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1.00, $\frac{1}{4}$ lb. \$3.25, lb. \$12.00.

NEW OR IMPROVED STRAIN. Retains all the characteristics of the old variety, but is stronger and firmer, with taller stalks more regular in type. It grows more rapidly, and as it requires more space should not be planted as close as the old strain. It is therefore a better celery for early use or for market. The new strain is more vigorous, of faster growth, and resists the attacks of blight much better than the old strain and stands adverse weather much better. This is the same strain we sold last season. We are getting wonderful reports on it this fall. Our seed is grown in France by the originator. Pkt. 15 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1.00, $\frac{1}{4}$ lb. \$3.25, lb. \$12.00.



Giant Pascal Celery

Celeriac

TURNIP ROOTED CELERY. An excellent vegetable of easy culture. The roots are round, turnip-like, white, having the flavor of a delicious nutty celery. The foliage of Celeriac is also valuable for flavoring soups, etc. As the roots are the edible portion, it needs no hilling. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

often and it will continue to grow. Used not only for salad, but for garnishing. Sowing very thinly in rows, a foot apart, cover lightly. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

WATER CRESS. Should be sown in damp soil; or if a stream of water can be utilized, it will be much finer. Being hardy, it will thrive year after year, after becoming established. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.40, lb. \$5.00.

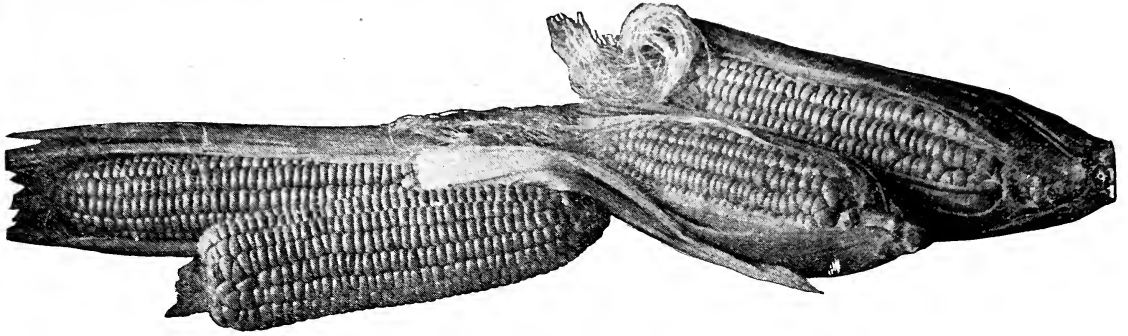
Dandelion

A hardy perennial. The broad-leaved cultivated form is far superior to the wild growing products. Seeds are sown thinly in rows fifteen inches apart and covered very lightly. One ounce of seed will sow three hundred feet of row.

IMPROVED THICK-LEAVED. A distinct variety unsurpassed in thickness of leaf and deep green color. It grows compactly, forming a regular upright tuft, and making an abundant crop without using much ground. Far superior to the Common sort and blanches almost naturally. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.00.

Sweet Corn

Sweet or Sugar Corn may be planted when danger of frost is over. Plant 1 inch deep in rows 3 to 4 feet apart and the seeds placed about 8 inches apart in the row, or plant in hills 3 to 4 feet each way with 3 or 4 grains in a hill. Make plantings every two weeks until the middle of July so as to have corn for use during the entire season. The earliest varieties are ready for the table in 8 to 9 weeks from date of sowing and the late varieties from 10 to 12 weeks. 12 to 16 pounds to the acre. 5 pounds pop corn seed per acre.



"Holco" Premo

The Sweetest and One of the Earliest White Kernelled Table Corn

We consider this one of our best, earliest, and sweetest corns. As compared with other good early sorts it has bigger ears with more even rows which are filled well to the tip. Ears average 8 to 9 inches long and have from 10 to 12 rows of deep, broad, pearly-white kernels of delightfully sweet flavor, which is unsurpassed by any other early kind. Most of the stalks average two good-sized, well-developed ears, which are usually placed two to three feet above the ground. The young plants stand light frosts, where the other varieties are tender, and the seed will not rot when planted before the soil becomes warm. Ready for the table in 60 days and can be planted fully as early as the earliest varieties. Pkt. 10 cts., ½ lb. 25 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more 22 cts. lb.

Golden Bantam. Earliest and sweetest deep, yellow-grained sort. Golden Bantam is actually the finest flavored of all Sweet Corns. Can be planted thickly. The plants are dwarf, only 4 feet high, having 2 ears. On account of the firm substance of the cured grains it can be planted earlier than any other Sweet Corn, which, in itself is a valuable quality. Pkt. 10 cts., ½ lb. 20 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 17 cts. lb.

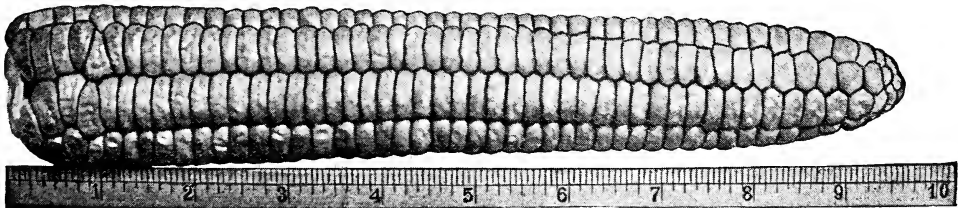
Alpha. This is the earliest of all Sweet Corn. Alpha will mature three or four days ahead of any other sort. The ears are 5 to 7 inches long, and have eight rows of large white kernels of good quality. The stalks are only 4 to 5 feet high. If you want the earliest Sweet Corn, either for home or market, do not fail to plant Alpha. The seed is quite hardy and can be planted early. You can get corn on the market 4 days to a week earlier than anyone else, and get the high prices that are always paid for the first corn. Pkt. 10 cts., ½ lb. 25 cts., 1 lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75 postpaid.

Mammoth White Cory. A large early corn. Ears average 7 to 9 inches long. The cob and kernels are pure white. For early market it is considered one of the best, where quality, size of ears, and earliness are desired. The stalks grow from 5 to 6 feet high, are very vigorous, bearing two ears to the stalk. The ears are 10 to 12 rowed. This variety is certainly worth a trial for the market gardener or for home use. Pkt. 10 cts., ½ lb. 20 cts., 1 lb. 30 cts., 2 lbs. 55 cts., 5 lbs. \$1.25, postpaid; 10 lbs. or more at 16 cts. lb.

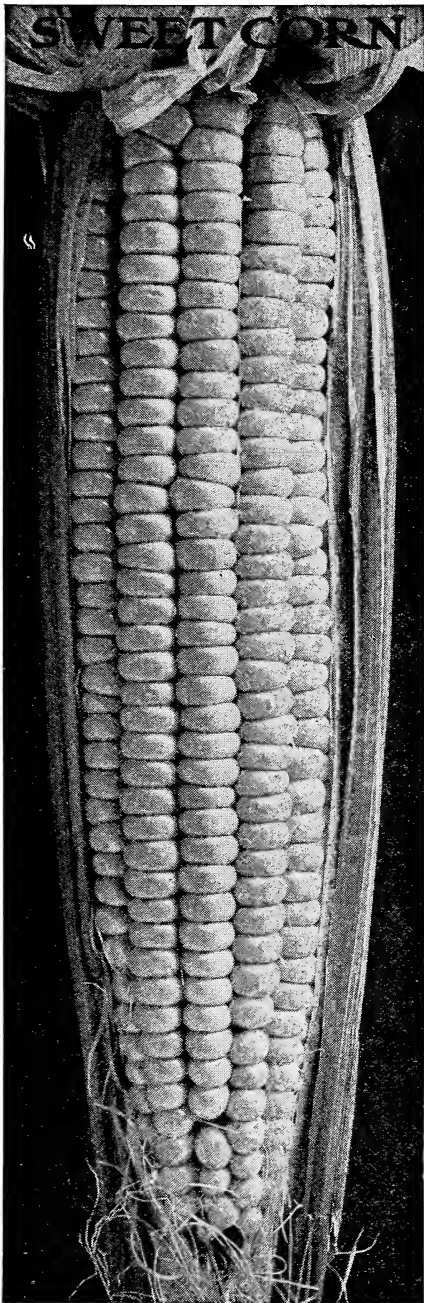
Sunshine. Developed by the North Dakota Agricultural College. As compared to Golden Bantam, it is 4 to 10 days earlier, ears twice as large, color golden yellow, quality better than extra early sorts. This is offered as a promising first early corn for home and market. It is worthy of a trial with other sorts. Pkt. 15 cts., ½ lb. 35 cts., 1 lb. 60 cts., postpaid.

Barden's Wonder Bantam

A new variety of Sweet Corn with rich flavor, and sweet juiciness of the Golden Bantam, but with an ear eight to ten inches in length, filled with eight rows of golden kernels. This is a much more prolific bearer than Golden Bantam and matures about the same time. Tested beside Golden Bantam, it matured two days later. Other Sweet Corns brought out from time to time claiming superiority over Golden Bantam have proved disappointing, but this one stands the test. Do not fail to include this fine variety in your order. We want every one of our customers to grow Barden's Wonder Bantam. Pkt. 15 cts., ½ lb. 25 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or over, 23 cts. lb.



BARDEN'S WONDER BANTAM



HOWLING MOB
Is by far the best of its class

Howling Mob

Large-Eared Early Sweet Corn

This excellent Sweet Corn originated in Lucas Co., Ohio. Ready to use within 3 to 5 days after Early Cory when both are planted at the same time. Ears measure 7 to 9 inches, with 12 to 14 rows of good size. Howling Mob is a strong-growing and sturdy sort, usually carrying two ears to a stalk. It is very productive and without question, one of the earliest white sweet corns, of really high quality. It is grown extensively on a large scale for every market, and it should be included in every home garden, since it is easily grown; yields a fine crop. Pkt. 10 cts., $\frac{1}{2}$ lb. 20c, lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 17 cts. lb.

Henry C. Miller, Jr., Md. From the packet of Howling Mob Sweet Corn I bought from you last year, I produced a dozen ears which took second prize at the Maryland State Fair.

Columbus Market.

A distinct and valuable early Sugar Corn. The ears are often 9 to 10 inches long, having an average of 14 to 16 rows of fine large, deep, white and very sweet grains, which are second to none in tenderness and flavor. The stalks are strong, sturdy, and of medium height. The leaves are broad and dark green. It has a very hardy growth, which gives it great endurance during dry weather. Columbus Market is a second-early corn, and is very desirable for the market or home garden. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 17 cts. lb.

Whipple's Early White.

Looks like Evergreen, and is as early as White Cory. Since being introduced it has gained steadily in popularity. The demand has exceeded the supply. Gardeners who raise it find it profitable. Ears are 7 to 8 in. long, with 14 to 16 rows. Kernels are rather narrow, deep-wedged grains of pearly whiteness. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 18 cts. lb.

All the seeds I received from you this year were O. K. Mr. Leo Preto, Ohio.

Champion.

An early sort. Ears large, 12 to 14 rows, and are filled with rather large, broad grains of good quality. Planted by gardeners for both early and late crop. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 17 cts. lb.

George Richardson, Trumbull Co., Ohio—"Last Spring I got seed from you, and I must say that they were all that you claim for them. I was well satisfied. The Sweet Corn was splendid."

Early Evergreen.

Earlier than Stowells Evergreen. Ears about 7 inches long, have 16 to 18 irregular rows, with very deep grains. For home garden and market. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 16 cts. lb.

DELUE'S GOLDEN GIANT. A cross between Golden Bantam and Howling Mob. It matures after Golden Bantam. A strong grower and very productive. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50 postpaid; 10 lbs. or more at 20 cts. lb.

EARLY MINNESOTA. A good standard early sort. Ears average about 8 inches long with eight rows. Very sweet and tender. Early Minnesota is a strong growing and sturdy variety, usually carrying two ears to the stalk. It is very productive and without question a corn of really high quality. It is easily grown and yields a fine crop of handsome ears. This variety matures right after Golden Bantam and makes a perfect succession to it. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., 5 lbs. \$1.25, postpaid; 10 lbs. or more at 17 cts.

"Holco" Delicious.

An excellent early sort, following "Holco" Premo on the market. The ears are much larger than Premo, bearing 14 rows of good-sized kernels and filled to the very tip. It is an immense yielder, the stalks carrying two well-developed ears, and has a most delicious flavor, sweet and juicy. "Holco" Delicious is considered one of the best sellers on the market. It makes a strong and vigorous growth, 5 to 7 feet tall. The leaves are broad and dark green in color, a habit of growth which gives great endurance during a dry time. The kernels are broad and deep. They are pearly white with a fine thin skin and a most delicious pulp. Especially adapted for midseason market and very desirable for the home garden. Pkt. 15 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more 23 cts. per lb.

PLEASE NOTICE—If you want quantities of Corn, write us for special prices, stating quantities wanted.

Ten Pound Prices Do Not Include Transportation

Improved Bantam

A Large, Sweet, Yellow-Grained Sweet Corn Retaining Its Delicate Tenderness Even When a Little Old

Improved Bantam excels all the other medium early varieties of corn in size, productiveness, and quality, and all the late varieties in quality and early maturity while equaling them in size.

Because of its hardiness, it may be planted as late as July 15th in Northern Ohio.

The stalks grow six to eight feet tall producing two ears, about nine inches long, carrying twelve to fourteen rows of long thick kernels of deep orange color. It produces an abundance of foliage for such a short stalk.

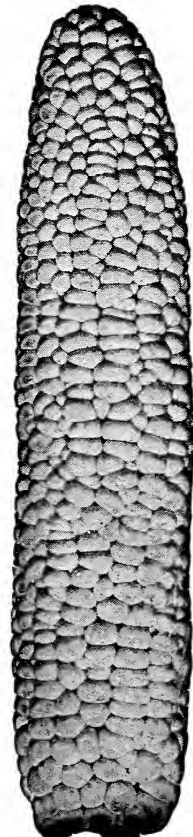
Improved Bantam is the corn for the home or market gardener who desires the greatest amount of the highest quality corn.

You can not make a mistake in planting Improved Bantam. The demand for this corn is increasing every year, so you can readily see that our customers must be receiving satisfactory results. Pkt. 15 cts., 1/2 lb. 20 cts., lb. 35 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 22 cts. lb.

Country Gentleman or Shoe-Peg.

A mid-season Sweet Corn. Ears are large-sized, frequently three on a stalk, giving great depth to the grains. Ears average 8 to 9 inches in length. For sweetness none surpasses this variety. Pkt. 10 cts., 1/2 lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., 5 lbs. \$1.25, postpaid; 10 lbs. or more at 16 cts. lb.

C. A. Sommer, Jay Co., Ind.—"The garden seeds we got from you last winter are fine. We have the best garden this year that we have ever had. Will have another order when we get your next year's Catalog."



COUNTRY GENTLEMAN

Stowell's Evergreen.

Standard main-crop variety. Hardy, productive, very tender, sugary, remaining a long time in condition. Our stock has been carefully grown and selected. Ears about 8 inches long, 14 to 20-rowed; about 7 1/2 feet high. Pkt. 10 cts., 1/2 lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., 5 lbs. \$1.25, postpaid; 10 lbs. or more at 15 cts. lb.

Black Mexican.

Corn cooks remarkably white, but the ripe grain is bluish black. Is tender and of fine quality. Stalks about 6 1/2 feet high; ears about 8 inches long; usually 8-rowed. Pkt. 10 cts., 1/2 lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50 postpaid; 10 lbs. or more at 18 cts. lb.

Pop-Corn

Japanese Rice.

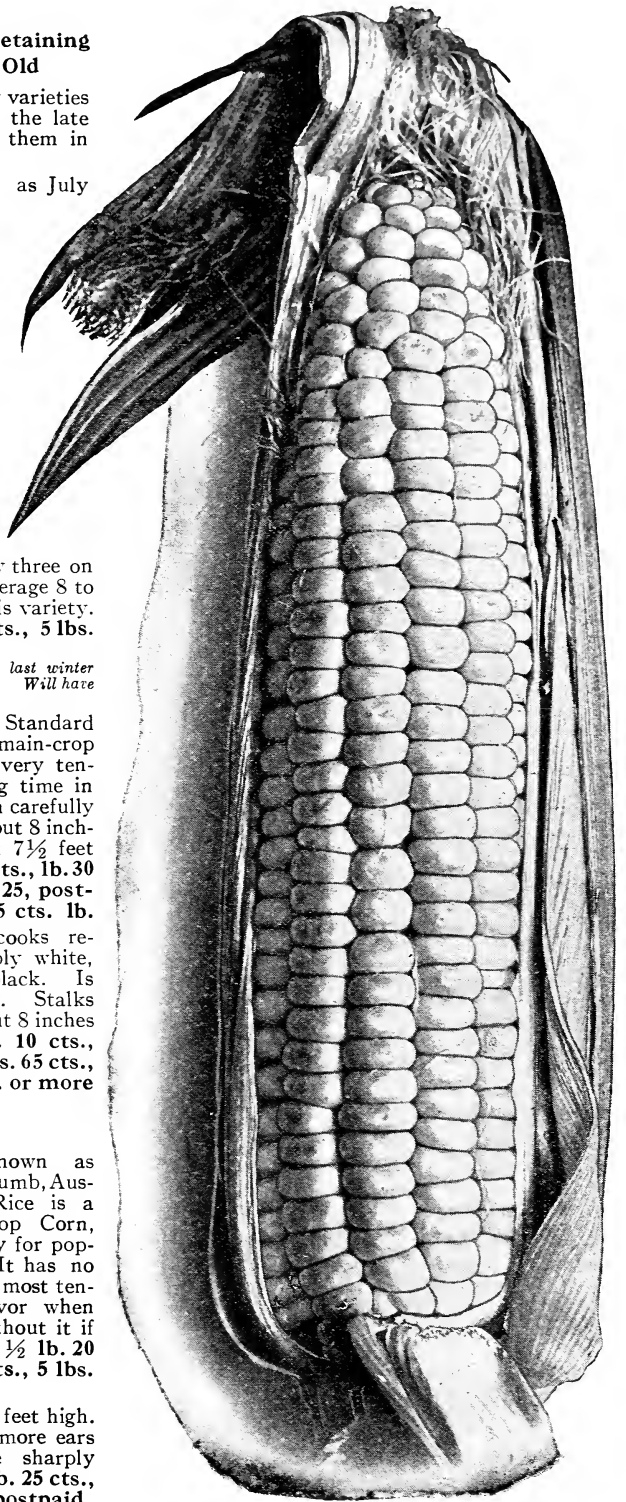
Also known as Tom Thumb, Australian Hulless. Japanese Rice is a dwarf-growing White Rice Pop Corn, a heavy yielder, and is ready for popping soon after it is husked. It has no hull or shell or hard center, is most tender, and of a delicious flavor when popped. You will not be without it if you give it a trial this year. 1/2 lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid.

White Rice.

Stalks grow six feet high. Produces 3 or more ears on a stalk. The grains are sharply pointed. 1/2 lb. 15 cts., lb. 25 cts., 2 lbs. 45 cts., 5 lbs. \$1.00, postpaid. Write for prices on larger quantities.

Queen's Golden.

Most popular. Pops perfectly white. Produces 3 or more ears on a stalk. 1/2 lb. 15 cts., lb. 25 cts., 2 lbs. 45 cts., 5 lbs. \$1.00, postpaid. Write for prices on larger quantities.



IMPROVED BANTAM SWEET CORN

PLEASE NOTICE—If you want quantities of Corn, write us for special prices, stating quantities.

Ten Pound Prices Do Not Include Transportation

Cucumbers

Cucumbers should be grown in every garden to furnish both large fruit for slicing on the table and small young fruits for pickling. Plant ten to twelve seeds 1 inch deep in hills 4 feet apart. Later thin to two or three plants per hill. Do not plant until soil is warm and frosts are over. The richer the soil the more they grow. A second sowing may be made late in June and during July, for a fall crop. Hoe or cultivate only until plants start to vine, then pull weeds by hand. Should a little beetle with yellow striped wings, visit the patch, fight him at once by spraying or dusting Arsenate of Lead or Pyrox. Gather the cucumbers as soon as they reach the right size. This will keep the vines bearing over a long time. One ounce will plant 100 hills; 2 lbs. will plant an acre.

(Our seed is grown from selected stocks, and can be relied upon to produce smooth and uniform fruits)



Improved Long Green Cucumber

Long Green. Grows from 12 to 14 inches in length. The young fruits are very largely used for pickling, a standard sort for that purpose. Full-sized Cucumbers are in high favor for making the so-called sweet pickles. Vines are strong growers; while a shy seeder, the fruit is always produced in great abundance, making it one of the most productive varieties in cultivation. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$1.75, 2 lbs. \$3.20, 5 lbs. \$7.45.

Deltus. Is the finest of the large sorts. Has a dark green color, size 15 x $2\frac{1}{2}$ in. Uniform in shape and size. It is ideal for forcing, as well as outdoor growing. It certainly will displace most other kinds. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

EXTRA LONG OR EVERGREEN WHITE SPINE. Vines vigorous and strong, producing a heavy crop of fruit, which are smooth, dark, shiny green until a late stage of maturity. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$1.75, 2 lbs., \$3.20, 5 lbs. \$7.45.

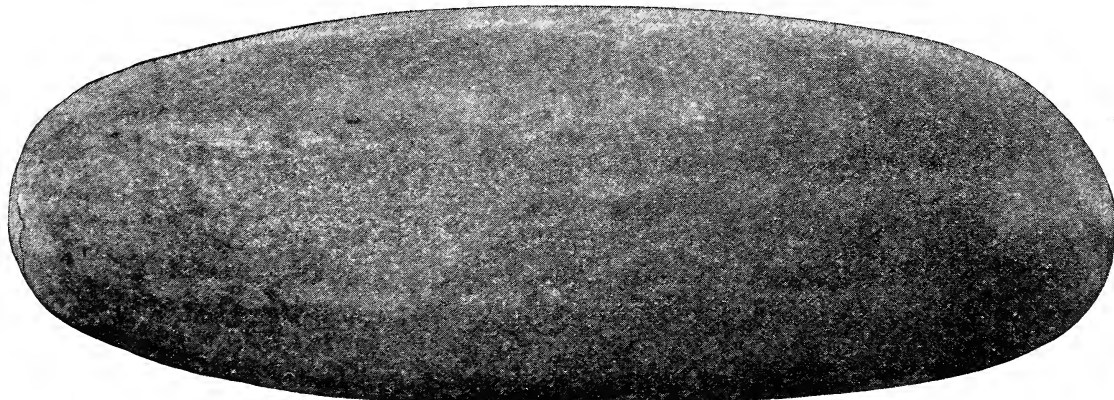
WHITE WONDER. Is a smooth pure white, grows to a good size, flesh firm and crisp; used considerably for canning. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.00.

ARLINGTON WHITE SPINE. One of the earliest and very productive. Fruit quite uniform; about 7 inches long and well rounded at both ends; of bright green color. Used for early slicing. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

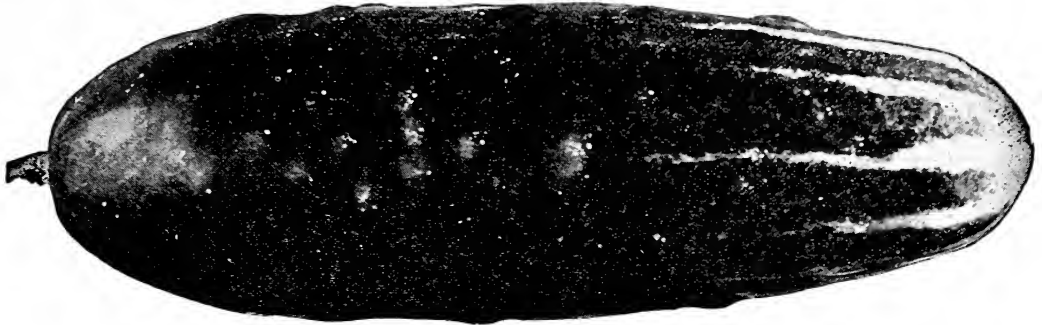
KLONDYKE. The fruits average 7 to 8 inches long, when ready to pick are about $2\frac{1}{2}$ inches in diameter. Square-ended dark green, very firm, and the crisp, white flesh is of excellent quality. The fruits never turn yellow and hold up well after picking. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

JAPANESE CLIMBING. For training to a trellis. Form long, fruit of rich dark green color. The flesh is white, crisp, good flavor. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00, 2 lbs. \$3.70.

Holco White Spine. We believe we have the most perfect shaped, rich dark green white spine cucumber grown and one which is most desirable on account of its attractive appearance and good quality. Fruit, seven to eight inches long. A vigorous grower, enormous yielder. Splendid for home and market. Do not fail to give HOLCO WHITE SPINE a trial. You will not regret it. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$1.75; 2 lbs. \$3.20, 5 lbs. \$7.45.



“HOLCO” WHITE SPINE CUCUMBER
As they grow when you plant our High Quality Seed



EARLY FORTUNE CUCUMBER
Early, Prolific, Continuously Productive. The Finest for Slicing

Early Fortune. This splendid White Spine sort was discovered in a field of Davis' Perfect and is quite distinctly in a class by itself. The plant is early, very vigorous, with an exceptionally heavy, thick foliage, and is almost disease resistant and very productive. Fruits are uniformly 9 inches long, slightly tapering toward each end, perfectly round and of a dark green color, which does not fade in shipping; flesh very thick, firm and crisp and with exceedingly small seed cavity. Is excellent for slicing. If you do not grow this sort you should do so and give yourself one of the choicest cucumbers. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, 2 lbs. \$2.75, 5 lbs. \$6.35.

Davis Perfect. The cucumbers are good shippers, rich dark green, from 9 to 10 inches in length, slender, slightly tapering, shy seeders, very tender, of fine flavor. Vines vigorous and able to withstand unfavorable weather, better than most varieties. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$1.75, 2 lbs. \$3.20, 5 lbs. \$7.45.

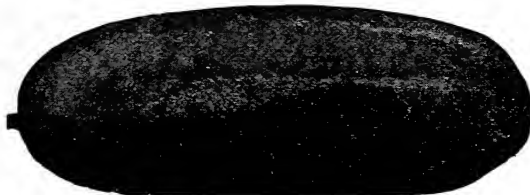
West India Gherkin. Small fruited sort, grown exclusively for pickles. Very prickly, but tender and crisp if pickled when young. Seed germinates slowly. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.75, 2 lbs. \$3.20

Cucumbers—For Pickling

Chicago Pickle. This is one of the best and most prolific for producing pickles of medium size, both for home use and market. The vines are vigorous, yielding a large number of fruits. Skin extremely thin, tender, and free from toughness when pickled. Fruits are squared at both ends, of excellent quality, for dill pickle we recommend our Chicago pickle. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

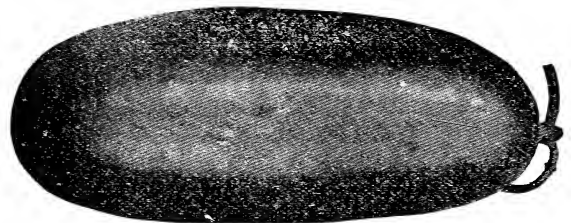
SNOW'S PICKLE. An early maturing, small dark green cucumber, square ended, very firm and popular with growers for small pickles. We believe the seed we offer meets in all respects the requirements of those who want an ideal bottle pickle. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

Boston Pickling. This is a very prolific variety. The fruits average 4 to 5 inches in length when large enough for slicing, and are of excellent quality; but it is chiefly for producing medium-sized pickles that this variety is so highly esteemed. If the fruits are gathered as soon as large enough, the vines will continue bearing through a long season. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.



BOSTON PICKLING

James Paul, Trumbull County, Ohio.—"We had splendid success with our garden seeds last year. They were so fresh and it seemed as if every seed grew. Hope to have as good this season."



Early Cluster. This medium sized, bright-green sort is one of the most prolific of our Cucumbers. Combined with earliness and productiveness, it is a strong grower. Owing to its early maturity and thrifty growth, it will withstand unseasonable weather and produce good crops under adverse conditions. Is a standard pickle sort. Can be used for slicing. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

COOL AND CRISP. Fine, deep green, crisp. White Spine type; pure white when ripe. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25.

EVERBEARING. Very early prolific. Fruits 4 to 6 inches long, quite thick and blunt at the ends; rich dark-green color. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

SHORT GREEN OR EARLY FRAME. Very desirable variety for either pickling or table use. Fruit straight, small at each end; bright green. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25.

Dill

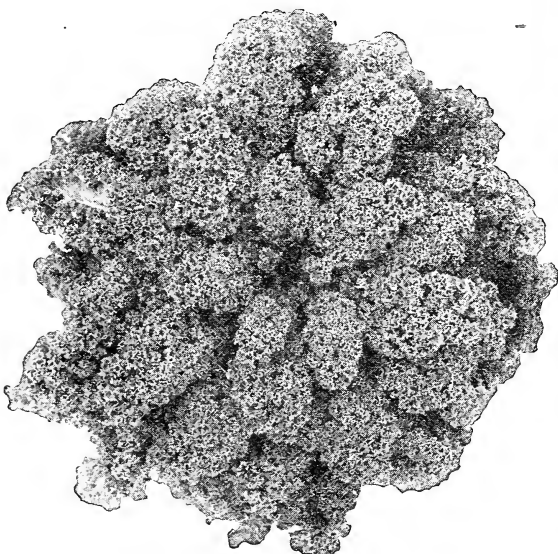
Sow early in the spring, thinly in rows about $1\frac{1}{2}$ feet apart for hand cultivation or $2\frac{1}{2}$ feet apart if to be cultivated with horse. Cover seed about $\frac{1}{2}$ inch. Dill is used in large quantities for flavoring cucumber pickles; also for flavoring vinegar. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00, 2 lbs. \$1.85, 5 lbs. \$4.20.

Eggplant

Sow seed in March in hotbeds or seed boxes, and when 3 inches high transplant into small pots. Plant outdoors after the weather has become warm. The rows should be 3 feet apart and the plants set 2 feet apart in the row. Hoe frequently to keep soil loose and fine. One ounce of seed for 2,000 plants, $\frac{1}{4}$ lb. to an acre.

Black Beauty. The plants of this sort are remarkably healthy in their growth, and produce an abundance of large fruits earlier than the New York Improved. The skin is rich purplish black, making the fruit very attractive in appearance. Entirely spineless. The fruits are solid, tender and of excellent flavor. Make a good show on the market-stall, always bring good prices. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50, 2 lbs. \$8.30.

NEW YORK IMPROVED PURPLE. The leading sort for home and market. Plant is a vigorous grower. Fruit large, fine and free from thorns, and produced until frost. Skin rich purple. Flesh white and of good flavor. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.25, 2 lbs. \$8.00.



DWARF CURLED SCOTCH KALE

Kale or Borecole

Sow seed early in the Spring. Thin the plants until they are from 6 to 8 inches apart in the row. Sow in June for the fall. Frost improves the quality. One ounce will sow a row 150 feet long. 4 lbs. to an acre.

Dwarf Curled Scotch. Largely grown for "greens" during fall and winter, is used like spinach; also useful in garnishing. Leaves rich bright green color. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.00, 2 lbs. \$1.60, 5 lbs. \$3.75.

DWARF SIBERIAN. This sort will stand very cold weather. The leaves are broad, blue-green, finely curled. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.00.



WHITE CURLED ENDIVE
Grown to perfection, Very Crisp.

Endive

Sow seed in April for early use, or for late use in June or July. When 2 or 3 inches high, transplant or thin plants to 8 inches apart. To blanch hearts, raise leaves and tie together over heart. Ounce of seed to 100 feet of row, $4\frac{1}{2}$ lbs. to an acre.

WHITE CURLED. The most attractive in appearance, very crisp. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Green Curled. An extremely popular variety, Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

GIANT FRINGED. Has a large white heart. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

BROAD-LEAVED BATAVIAN (Escarolle). Broad, thick leaves. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Kohl-Rabi

Sow seeds $\frac{1}{2}$ inch deep and later thin plants 4 to 6 inches. One ounce of seed will sow 300 feet of row; 4 lbs. to an acre.

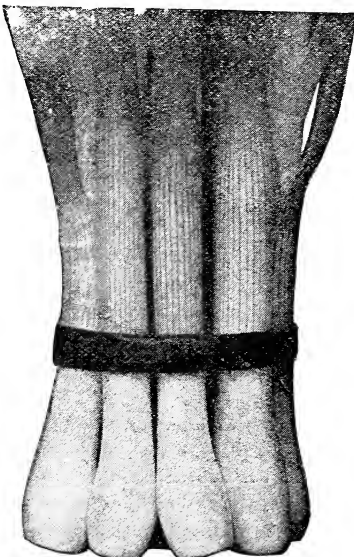
EARLY WHITE VIENNA. A singular variety of Cabbage with a Turnip-like bulb which forms immediately above the ground; flavor of both Turnip and Cabbage. Should be in every garden. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

EARLY PURPLE VIENNA. The outside color is purple; flesh white. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Leeks

Closely related to the onion, being milder flavor and not forming bulbs. Instead, the plants have flat leaves which form long, fleshy stalks. Excellent for soup and salads. Sow in the early spring, and when three or four inches tall, thin out to stand four inches apart in the row. With a slight protection, they can be left in the ground all Winter. One ounce will sow 150 feet of row; 4 pounds for an acre.

AMERICAN FLAG. This is a strong-growing variety, producing large, thick stems of milk flavor. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.



AMERICAN FLAG LEEK

Lettuce

To grow head Lettuce early, sow the seed in February or March in boxes, flats or in hotbeds in rows. When an inch high, transplant to cold frames. From there set out in the garden as soon as the soil is warm, placing the plants 5 or 7 inches apart in rows while the rows should be 12 to 18 inches apart. Where there is no hotbed, sow seed outside when ground is warm and transplant. For loose-leaf or curly-leaved sorts, sow the seed either broadcast or in rows; make sowings every couple weeks for lettuce all summer, and cut as it comes. By sowing in rows the plants can be cultivated. Sow seed the last of August and in September to be transplanted to the coldframe in October. One ounce will sow 300 feet of row. 4 to 5 lbs. for an acre.

(Our Leaflet, "Lettuce Culture for the Home and Market," sent free if asked for)

Head Lettuce

Big Boston

**Big, Compact, Tender, Crisp,
Creamy, Buttery Heads**

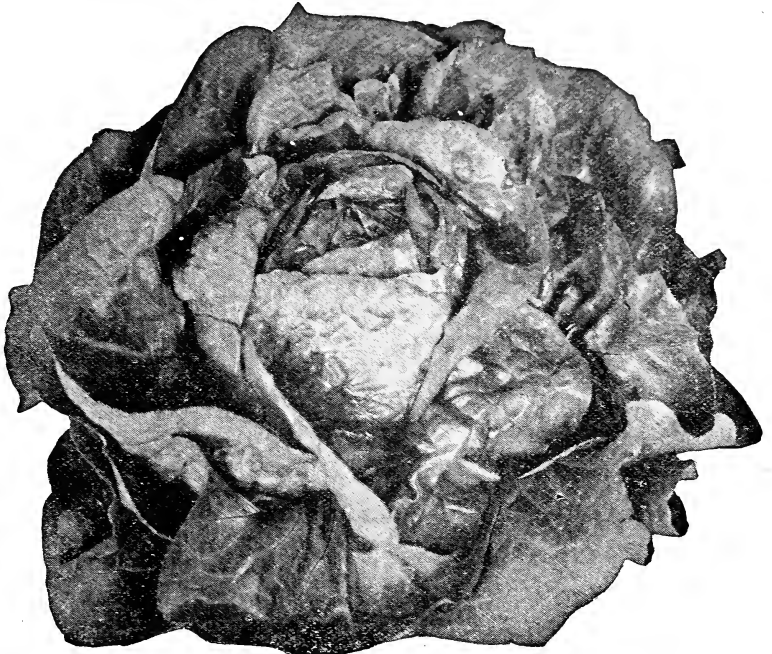
(Proven Stock). Head large, very solid, light green, of excellent quality. For spring and early summer crops in the open ground it always brings a good crop and in the fall is used more than any other lettuce because it is not harmed by the early light frosts. **Big Boston** is extensively grown on muck land because of its fine heading qualities. No other variety gives satisfaction under so many varying conditions. We heartily recommend our stock of **Big Boston** to the most discriminating trade. We believe the seed we offer is the best obtainable.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, 5 lbs. \$6.00.

Prize Head. Very popular for the home garden.

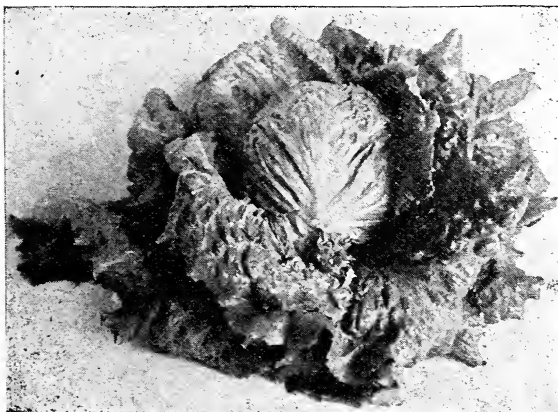
One of the very best loose-bunching or non-heading varieties. Leaves brown, very curly, of remarkably fine flavor. Grows quickly and all except the outer row of leaves are very brittle. Is probably the most easily grown lettuce in cultivation.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25, 5 lbs. \$5.00.



BIG BOSTON LETTUCE
Grown from Our Proven Stock.

Giant Crystal Head. Our strain of this excellent lettuce is unexcelled for quality; produces big, compact butter heads, yellow as gold inside, delicious, sweet, tender and crisp. **GIANT CRYSTAL HEAD** stands hot weather remarkably well. Try this wonderful lettuce. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.00, 5 lbs. \$8.00



NEW YORK LETTUCE.
The most tender and richly flavored Head Lettuce.

New York or Wonderful. (Proven Stock.) Also called Los Angeles, ("Mountain Iceberg.") This is the most largely used market lettuce, and is extensively grown for shipping, from the northern to the southern boundaries of the United States. Our acreage of New York or Los Angeles is large. The stock we use is carefully developed and pedigreed. Our crops are planted and rogued. We pride ourselves on having the best strain of this variety. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.00.

Crisp-as-Ice. The heads are solid, of immense size when well grown, and so exceedingly crisp, tender and brittle as to fully warrant the name Crisp-As-Ice. Glossy leaves are thick, nicely crimped and curled. Heads when cut open have a rich, creamy yellow heart. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00, 5 lbs. \$8.00.

WAYAHEAD. The earliest cabbage butterhead sort, medium dark green. Forms a very hard compact head with few outer leaves. This sort does well under all conditions and is very popular. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, 5 lbs. \$6.00.

ICEBERG. Curled or crisp heading; medium green leaves with fringed edges tinged with brown. Forms a large compact crumpled head beautifully white inside. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

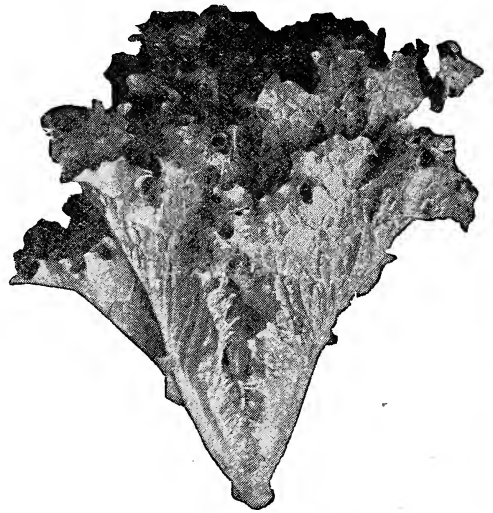
ALL-HEART. A splendid head lettuce. The color is a beautiful yellowish green, and the flavor is excellent, being rich and buttery. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, 5 lbs. \$6.00.

Lettuce—Continued

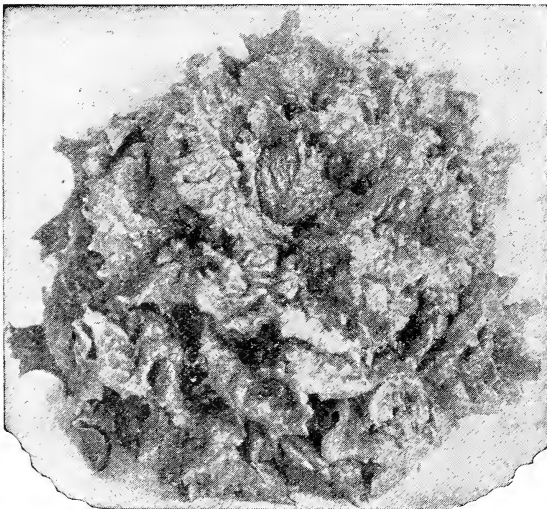
Grand Rapids. (Special Strain). (Proven Stock.) Probably the best of the loose-leaved varieties. Never forms a head, but produces an abundant crop of pale green leaves slightly but closely crumpled, which, even when old retain their characteristic tenderness and brittle character. We strongly urge those who cannot succeed in getting Lettuce to head to grow Grand Rapids. Owing to the fact that the lower leaves grow upright and clear of the ground it rarely suffers from rot, and is therefore more largely grown for forcing than any other sort. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, 5 lbs. \$6.00.

SALAMANDER. It is decidedly a butterhead sort, strictly cabbage-heading, large to medium in size, and standing well before shooting to seed. The color is light green, never spotted or brownish in any part; quality excellent and highly recommended for both private and market gardens. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25, 5 lbs. \$5.00.

EARLY CURLED SIMPSON. Loose-bunching sort. Crisp, tender; light-green in color. Very hardy, easy to grow for home, garden or market. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25, 5 lbs. \$5.00.



GRAND RAPIDS FORCING LETTUCE



BLACK-SEEDED SIMPSON LETTUCE

Black-Seeded Simpson. The plants are very compact and grow quite large. The golden-yellow leaves curly, finely fringed, very crisp. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25, 5 lbs. \$5.00.

“Holco” Hardy Winter. This splendid Lettuce should be planted late in the Fall, for Fall and Spring use. It is entirely hardy and will not freeze during the Winter. If covered late in the Fall it will come out much earlier in the Spring, and will be ready for use a few weeks earlier than if it had not been covered. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, 5 lbs. \$6.00.

Cos or Romaine Lettuce

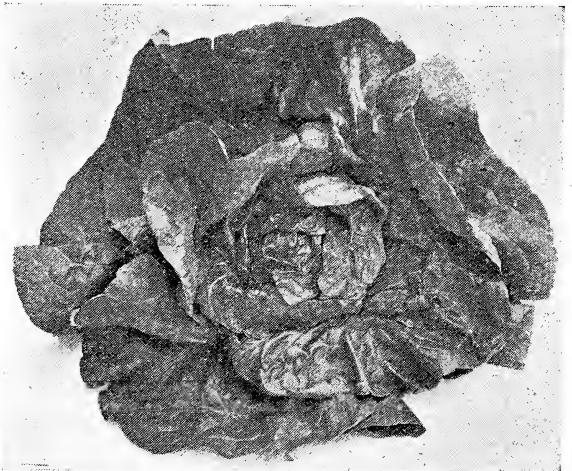
PARIS WHITE COS. (Trianon.) Is of distinct upright growth and esteemed for its fresh crispness and mild flavor. It is grown in the northern states during the late spring and early summer; throughout the Gulf Coast States it is grown for use during the cool early spring months. The growth is erect, about ten inches in height, the outer leaves being well folded towards the center. The interior leaves are blanched to a snowy white; very crisp and mild. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, 5 lbs. \$6.00.

Improved Hanson. Very popular. It matters not whether grown to head in the early spring or in the hottest days of summer, the leaves are always crisp and tender. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25, 5 lbs. \$5.00.

CALIFORNIA CREAM BUTTER. Very popular variety for autumn and winter use. Forms a large head, which is very buttery, of a rich golden-yellow inside. Leaves are thick, bright green, slightly tinged with brown on top of head. Easy to grow. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, 5 lbs. \$6.00.

DUTCH SPECKLED BUTTER. Solid heads of leaves are dotted with brown. Very hardy, large size; white, tender, crisp, of good flavor. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25, 5 lbs. \$5.00.

French Unrivalled. A sure-heading variety. Forms large, compact, buttery heads. The color, light green and leaves are not tinged with brown. Valuable for growing in the open ground during spring and summer. The seed we supply was secured from the originator in France and produces heads which are far superior in every way to those grown from American grown seed. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, 5 lbs. \$6.00.



FRENCH UNRIVALLED LETTUCE
Excellent flavor, Rich and Buttery

Muskmelon

Plant seed in hills 4 to 6 ft. apart each way, after danger of frost is over. Use well-rotted manure in the hills. Insert seeds just under surface of soil; thin out, leaving only four plants to a hill. A light, warm soil is best, but there are sorts adapted to heavy loams if well drained. In hoeing draw the soil well up to the plants. Fight bugs with tobacco dust or calcium arsenate. One ounce to 60 hills; two or three pounds to an acre.

Golden Champlain. This is believed to be the earliest cantaloupe. Flesh is a deep golden yellow, very sweet and melting. It is a very vigorous grower and a sure cropper, setting and ripening fruit under most adverse conditions, which prove fatal to other sorts. In tests with 31 other varieties, it beat them all in earliness. If you try this melon once, you will always plant it. We offer Mr. H. J. Walrath's (the originator's) own seed. Buy the genuine stock from us. Pkt. 15 cts., ½ oz. 25 cts., oz. 40 cts., ¼ lb. \$1.10, lb. \$4.00.

Bender's Surprise

Earliness and superior Quality

Wonderfully fine flavor, large size and earliness make a combination hard to beat. These melons are of oval shape, light green with coarse netting. They are quite large often weighing ten pounds. The flesh is deep orange color, very thick, deliciously sweet and of fine flavor. It is medium early, and keeps in good condition much longer than any other large melon of its class, making it a fine shipping melon. When ripe the melons turn a golden tint which shows through the netting and gives the fruit a most attractive appearance. Where melons are sold by the pound, this variety brings top prices on account of its great size. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.75, 2 lbs. \$3.20, 5 lbs. \$7.45.

Hearts of Gold. (Hoodoo.) (Orange.) There is no better melon than Hearts of Gold. Excels in uniform size, closeness of netting, roundness of form, tough rind, blight resistance. Flesh is of fine grain, sweetest flavor. The flesh is extremely thick, there being only a small seed cavity. Netting is heavy and close; melon solid, heavy, and firm at the blossom end. A wonderfully prolific melon, which always produces a fine quality melon quite early in the season. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.50, 2 lbs. \$2.75, 5 lbs. \$6.35.

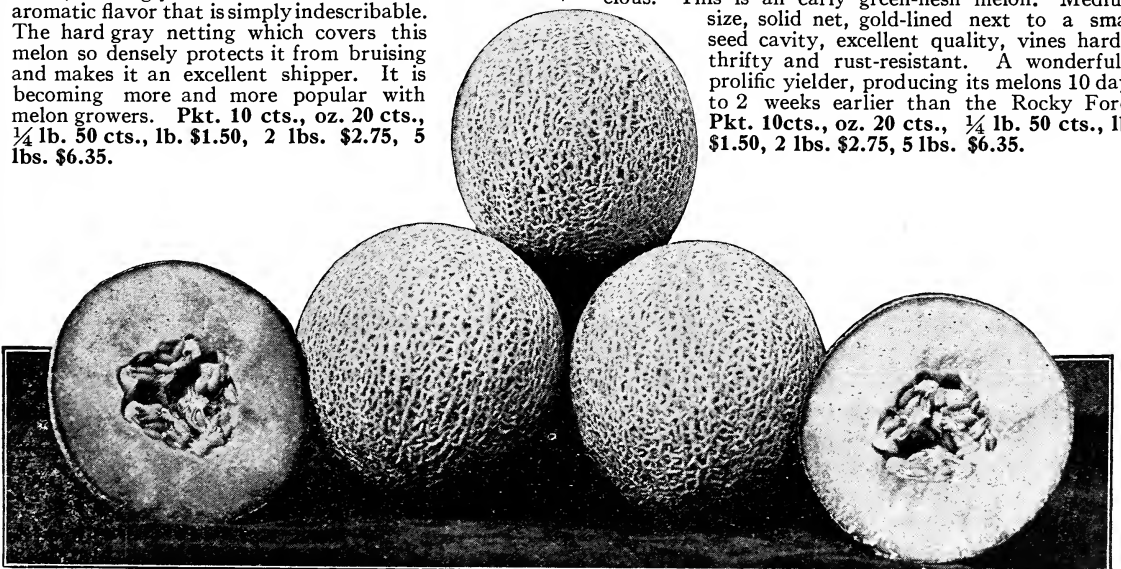
Edward's Perfecto. This is a salmon-tinted melon with very deep flesh and exceedingly small seed cavity. Fruits are nearly round, and very uniform in size. The flesh is honey-sweet, meltingly tender and luscious with a delectable aromatic flavor that is simply indescribable. The hard gray netting which covers this melon so densely protects it from bruising and makes it an excellent shipper. It is becoming more and more popular with melon growers. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.50, 2 lbs. \$2.75, 5 lbs. \$6.35.



GOLDEN CHAMPLAIN
Most Delicious Orange Fleshed Melon.

Osage. (Extra early.) (Orange.) We have a most excellent strain of this popular sort. Very prolific, fair sized, oval fruits, slight silver netting, thick orange flesh, fine grained and of spicy flavor; one of the best medium-sized melons for home growing and market gardener's use. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.75, 2 lbs. \$3.20, 5 lbs. \$7.45.

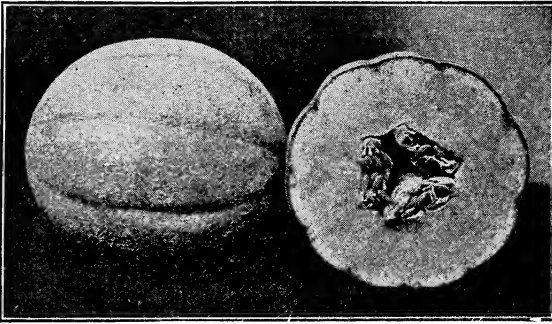
GOLD-LINED ROCKY FORD. Sweetest, most delicious. This is an early green-flesh melon. Medium size, solid net, gold-lined next to a small seed cavity, excellent quality, vines hardy, thrifty and rust-resistant. A wonderfully prolific yielder, producing its melons 10 days to 2 weeks earlier than the Rocky Ford. Pkt. 10 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.50, 2 lbs. \$2.75, 5 lbs. \$6.35.



EDWARD'S PERFECTO CANTALOUPE

Spicy, salmon flesh, small seed cavity, exceedingly productive.

Muskmelon—Continued



TIP TOP MUSKMELON
Very popular with the gardeners.

Tip Top. (Orange). Fine, nearly round and always sells quickly on the market. Sweet, juicy, delicious; solid but not hard. Edible almost to the rind. Medium to large size, evenly ribbed and moderately netted; a strong grower and a heavy yielder. This melon has been grown for a number of years by market gardeners and has proven superior in every way. The seed we offer is **extra select hand cut seed**. This seed is cut from ideal types, the finest of the first melons to ripen, and is intended for the most critical trade. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00, 2 lbs. \$3.70, 5 lbs. \$8.70.

BANANA. Long fruit having a banana-like aroma; flesh orange color, delicious flavor. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, 2 lbs. \$2.75, 5 lb \$6.35.

Rocky Ford Or Netted Gem. (Green.) A popular variety of cantaloupes adapted to the entire north and south for market and home use. Ribbed, well netted, good size, and has thick green flesh of delicious flavor. Our seed is from crops grown exclusively for seed purposes. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

EXTRA-EARLY HACKENSACK. (Green.) The fruits are very early ripening, large-sized, nearly round, evenly and deeply ribbed and with very coarse netting. Skin is green, slightly tinged with yellow as the fruits mature. Flesh is green, juicy, sweet. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

EMERALD GEM. (Orange.) Early, prolific. Ribes are marked, but the skin is smooth, of a deep emerald-green; flesh is thick and firm, ripening almost to the rind, richest flavor. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

SALMON TINT POLLOCK NO. 10-25. When cut open it makes a very attractive melon, of rich luscious flavor and deep flesh. For the home gardener or the grower for the nearby markets, it is unexcelled in appearance and eating quality. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50, 2 lbs. \$2.75, 5 lbs. \$6.35.

HONEY DEW MELON. The fruits are of medium size, round or slightly oval, with smooth, very firm light-green thin rind, measuring five to six inches in diameter by seven to eight inches long. The light-green flesh is thick and sweet. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, 2 lbs. \$3.20, 5 lbs. \$7.45.

Watermelons

Watermelons do best on light, well-drained soils. The hills should be 8 to 10 feet apart; plant 1 inch deep, 8 to 10 seed to each hill, using well-rotted manure. Later thin plants to 2 to each hill. Plant soon as ground is warm. One ounce of seed will plant 30 hills; 3 to 4 pounds to the acre.

"Holo" Melon Seed is carefully grown, and saved from crops grown exclusively for seed. All seed taken from selected melons only.

Cole's Early A Splendid Melon for the North

This is a fine Watermelon for family use and home market. Melons seldom over 12 inches long and 9 inches in diameter, but what they lack in size they more than make up in number and quality. Rind green, striped a lighter shade. Flesh bright red, crisp, delicate texture, juicy and sparkling. In flavor it is lusciously sweet and refreshing. Very early and will mature large crops in the Northern states. Seeds black. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20.

Halbert Honey

"Sweetest of all Watermelons." One without strings in the flesh. Is excellent for home and nearby market use. Its delicious crimson-red flesh extends nearly to the skin, the rind being very thin and brittle. Its dark green skin makes it a very attractive melon. It is prolific, and grows to rather large size. For the finest eating melon, plant Halbert Honey. You will have the finest melons you have ever tasted. The rind is not tough nor thick enough for long distance shipping. Just grow them for all you can eat and sell locally. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20.

Kleckley Sweet. The Great Big, Sweet, Juicy Watermelon. No other melon has ever attained such general popularity for home use and nearby markets as our Kleckley Sweet. Its eating qualities leave absolutely nothing to be desired. Vines, strong and vigorous; melons medium to large in size; oblong, 18 to 24 inches in length, 10 to 12 inches through. Skin is very rich dark green color; flesh extra sweet and of brightest rich scarlet, ripening right up to the thin rind. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20.

HARRIS' EARLIEST. Fruits exceptionally large for so early a variety, slightly oval, with irregular mottled, broad stripes of light and dark green; flesh bright red, sweet and tender; seed black. The vines are vigorous and productive. One of the best sorts for northern states. We are convinced that it is one of the best first-early melon for the home garden. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20.

PEERLESS OR ICE CREAM. Fruit medium size, oval, bright green, finely veined. Flesh bright scarlet, crisp, tender and sweet. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20

Watermelons—Continued

Tom Watson

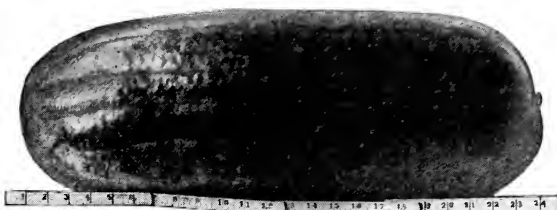
Seed grown from the original stock which has been kept pure, and not the "runout" seed now generally sold.

This is a splendid melon for shipping, for nearby markets and for home use. It comes as near being a combination all purpose melon as we have ever seen.

There has been much complaint about the Watson "running-out" and this is absolutely true of a large part of the Watson seed on the market. It is seed saved from the tail end of the shipping crop, seed from malformed, rotten-ended runts and culls. You can't afford to plant such seeds.

In eating quality the Watson is away above the average and its tough, medium thick rind makes it ship equal to the old shipping sorts. Its dark green color and generally handsome appearance makes it a seller at top of the market prices. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20.

SWEETHEART. An early oval-shaped melon, light green mottled, with thick tough rind. Flesh light red, solid, of fine quality and flavor. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20.



TOM WATSON WATERMELON
Just as they grow.

Irish Grey.

A melon you will like. This new sort is one that has attained great popularity on its merit. It is a combination melon, equally good for shipping or for home use. It's sweet; the flesh red, crisp and free from stringiness; color of rind a mottled greenish grey, entirely distinct. Rind is thin but very tough. Vines very vigorous and healthy. Plant Irish Grey for home or market use. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20.

COLORADO PRESERVING CITRON. Excellent for making preserves. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20.

Mustard

The seed leaves are used for salad; when older, they are boiled for greens. One ounce will sow 75 feet of drill.

OSTRICH PLUME. The plants are of vigorous growth, with dark green leaves which curve outward like ostrich plumes. It stands well during hot weather; makes delicious "greens." Pkt. 10 cts., oz. 15 cts., ¼ lb. 25 cts., lb. 75 cts., 2 lbs. \$1.35, 5 lbs. \$3.20.

SOUTHERN GIANT CURLED. The leaves are large, crimped at the edges. The plant is hardy; yields heavy crop of greens. Pkt. 10 cts., oz. 15 cts., ¼ lb. 25 cts., lb. 60 cts., 2 lbs. \$1.00, 5 lbs. \$2.40.

Okra or Gumbo

Sow seeds when ground is warm. One ounce of seed to 75 feet of row; 8 lbs. to an acre.

WHITE VELVET. Long, slender white pods; smooth and velvety in appearance. Lady finger. Pkt. 10 cts., oz. 15 cts., ¼ lb. 25 cts., lb. 60 cts., 2 lbs. \$1.00, 5 lbs. \$2.40.

PERKINS MAMMOTH. Plants dwarf; prolific; produces long, slender, deep green pods. A fine market sort. Pkt. 10 cts., oz. 15 cts., ¼ lb. 25 cts., lb. 75 cts., 2 lbs. \$1.30, 5 lbs. \$2.70.

Onion Sets



One pound will plant 40 feet of row; eight bushels to an acre. Onion Sets are subject to market changes.

Yellow Bottle, lb. 50cts., Yellow Globe, lb. 25 cts., White Sets, lb. 35 cts., Ebenezer or Jap., lb. 30 cts.

Above prices postpaid.

(Write for prices on larger quantities)

Parsley

Sow the seeds as early in the Spring as the ground can be prepared. Cover from one-eighth inch deep, and allow eighteen inches to two feet between the rows. Parsley seed is very slow to germinate and often a month will elapse before seedlings appear. Thin out the plants, when large enough, to stand six inches to a foot apart. One ounce to 150 feet of row; 3 pounds to an acre.

Champion Moss Curled.

Compact growing, densely curled sort. Owing to its dark green color, it is popular with home and market gardeners; very useful for garnishing. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. \$1.00.

DOUBLE CURLED. Is upright in growth. For this reason is preferred by many growers. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. \$1.00.

PLAIN. Excellent for seasoning. Pkt. 10 cts., oz. 15 cts., ¼ lb. 25 cts., lb. 85 cts.

HAMBURG TURNIP—ROOTED. Edible Roots are long, rather early, and in appearance much like a parsnip. The foliage is the same as that of the common parsley. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. \$1.00.

Parsnip

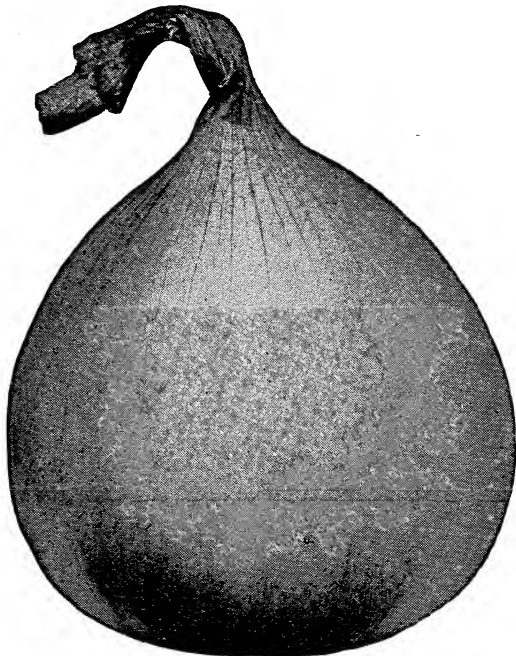
Sow as early in the spring as the weather will permit, in drills 18 in. apart and ½ inch deep, in a rich, deep soil; thin out 3 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. One ounce for 200 feet of row; 5 to 6 pounds for an acre.

IMPROVED HOLLOW CROWN. Smooth, white, fine-grained tender, sweet flesh, immense yielder. Medium long root, broad shoulder. Most valuable sort for home and market. Pkt. 10 cts., oz. 20 cts., ¼ lb. 30 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20.

GUERNSEY. White, thick root which is shorter than the Hollow Crown. Clean skin, very fine, grooved neck. Pkt. 10 cts., oz. 20 cts., ¼ lb. 30 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20.

Onion

HOW TO GROW ONIONS: For dry (fall) bulbs, select a clean, rich, well-drained and well-manured piece of land, prepare a perfect seed-bed, and sow seed in early spring in drills 15 in. or so apart. Use wheel hoe and weeders freely, and thin plants to stand at least 2 in. apart in the rows. Pull when tops begin to die down, cure, or store in a cool, dry place. One ounce for 100 feet of row; FOR SETS, select clean, sandy soil of medium fertility, prepare it well in early spring, and at once sow seed in drills a foot apart, using 40 to 60 lbs. of seed to the acre. Four to five pounds for one acre.



"HOLCO" OHIO YELLOW GLOBE ONION
A perfect specimen grown from our Quality Seed.

Mountain Danvers

Excellent keeper and heavy yielder.

This variety has all the good points of the Yellow Danvers and in addition as a result of a quarter century of mountain growing, is two to three weeks earlier. In color it is a pure deep amber, apple shaped, medium in size. The flesh is a clear lemon yellow, very fine and firm. The bulb is hard and heavy and will keep till spring. Our seed comes to us direct from the grower in Colorado, a man of experience and skill in onion seed growing and selection. If you want an early onion, this is the stock to plant. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Yellow Globe Danvers

Handsome bright yellow color, large in size. Early and heavy cropper. Our Yellow Globe Danvers are selected to a high standard of perfection. When at maturity the tops disappear, leaving the bulbs with small neck, clean and solid. We have supplied onion growers with thousands of pounds of this seed. Why grow ordinary Onions when you can procure a new crop seed from this wonderful strain of Onions.

Pkt. 10c, oz. 20, $\frac{1}{4}$ lb. 60, lb. \$1.85

Prize Taker.

(American Grown.) The king of all Yellow Globe Onions. A bright, clear straw color, always grows a perfect globe. A very small neck and ripens up hard and fine, flesh is pure white, fine grained, mild, delicate flavor. Of immense size, measuring from 12 to 16 in. in circumference. In market it never fails to attract attention on account of its beauty, and sure to bring a far better price than other onions. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

"Holco" Ohio Yellow Globe

Heavy and Solid—Enormous Yielder—
Keeping Qualities Unsurpassed

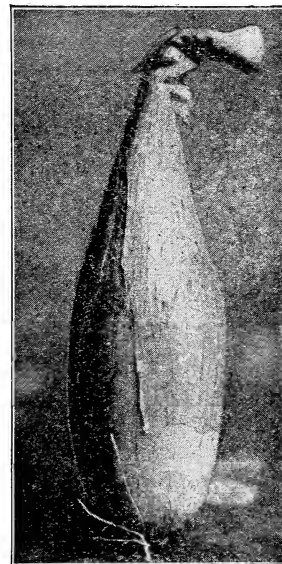
The most perfect strain of Yellow Globe Onion in existence. Early, sure cropper, largest yielder, long keeper. Mildest in flavor, attractive, handsome, bright, even color, ripens early and all at once; necks very small, and cure down to almost nothing. The firm, solid bulbs are excellent winter keepers and enormous yielders. This Onion is good for all classes of soil and on account of its quick maturing qualities we consider it to be the most valuable yellow onion for all markets.

As this is one of the most profitable market garden crops, needing a considerable outlay, too much care cannot be exercised in selecting the Stock Seed, the largest can only be obtained from planting most carefully selected seed. A few dollars an acre invested in seed of extra quality is made up many times in the crop raised from it.

Our supply of this seed is grown in Northern Ohio. We can recommend this strain to the most critical grower.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Southport Yellow Globe. One of the standard American market sorts. Medium size, apple shape; skin deep yellow, flesh creamy white, fine-grained, excellent flavor. Tops die early and uniformly, leaving a very slender neck. A remarkably handsome market variety. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.



BOTTLE ONION

Bottle Onion

This onion has been grown for many years in certain sections. Its great merit deserves that it should be known universally. It is absolutely unsurpassed in flavor, being mild and sweet like the Spanish Onion. Its great length makes it a fine bunching onion, and it is also excellent for slicing. It yields well, and is a good keeper. If you give this onion a trial, you will never be without it. Genuine stock.

Pkt. 25 cts., $\frac{1}{2}$ oz. 30 cts.,
oz. 50 cts., $\frac{1}{4}$ lb. \$1.75,
1 lb. \$6.00.

Sets, lb. 50 cts. postpaid
by express, $\frac{1}{4}$ bu. \$2.00,
bu. (32 lbs.) \$6.00.

SOUTHPORT WHITE GLOBE. Perfect globe shape, pure white. The skin is thin, the flesh waxy white and very fine-grained. Makes a most attractive appearance on the market. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Onions—Continued

WhitePortugal. (or Silverskin). Bulbs grow to a good size, ripening early, and have a somewhat flattened shape. Flesh is mild and sweet, the thin skin silvery white. One of the best for slicing or boiling, also pickling. Largely planted for producing white sets for early spring and late fall planting. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50

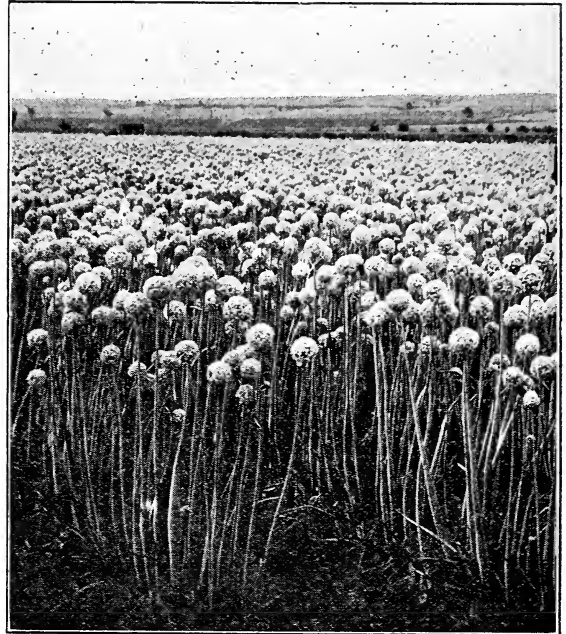
SOUTHPORT RED GLOBE. Handsomest of all red onions. Medium size, globular, very deep purplish red. The flesh is fine grained and firm. Remarkably uniform in size and form. An excellent keeper and a fine shipping onion. A vigorous grower, heavy cropper and very hardy. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

Large Red Wethersfield. In color the skin is deep red, flesh white. Onion weighing 1 lb. from seed is not uncommon. Our strain **Large Red Wethersfield** has a small neck, is entirely free from scallions or thick necks. Well flattened, solid, of remarkably mild flavor for a dark onion. Pkt. 10 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

Extra Early Barletta. A small flat, pure white onion, running from 1 to 1½ in. in diameter and should be left to grow quite thickly in the row. These are mainly planted to produce small onions for pickling. Pkt. 10 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

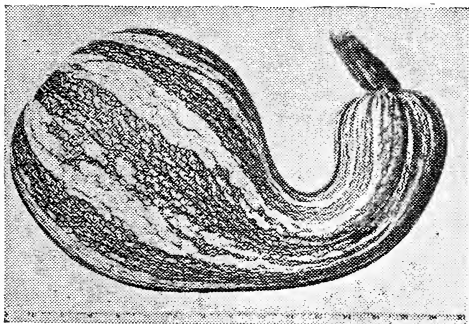
Ebenezer or Japanese Onion

Where this onion is known, people are most enthusiastic in its praise, and will pay a higher price for it than for other varieties. It is very mild, tender and of wonderful flavor. It is very firm and its keeping qualities unsurpassed. This is absolutely the best set onion grown. Early and prolific. Pkt. 10c; oz. 30c; ¼ lb. 85 cts., lb. \$3.00



A FIELD OF OUR MOUNTAIN DANVERS ONIONS, GROWING FOR SEED

D. N. Bower, Carroll Co., O.—“The Large Red Wethersfield Onion Seed that you sent me last year was fine.”



GREEN STRIPED CASHAW PUMPKIN

Field Pumpkins

They are excellent for feeding stock, and should be grown in every corn field.

CONNECTICUT FIELD. This is widely known as the Yankee Cow Pumpkin, and there is no variety that will do as well among the corn. Oz. 15 cts., ¼ lb. 25cts., lb. 75 cts., 2 lbs. \$1.40, 5 lbs. \$2.95.

MIXED PUMPKIN SEED. We offer a mixture of Pumpkin seed, consisting of field sorts, and also the choicest pie pumpkins. Oz. 15 cts., ¼ lb. 25 cts., lb. 75 cts., 2 lbs., \$1.40, 5 lbs. \$2.95.

Pumpkins

Pumpkins will grow almost anywhere, but thrive in rich soil. Many pumpkins are exceptionally good for pies; other sorts are fit only for feeding live stock. Plant in hills 8 to 10 feet apart, using 8 to 10 seeds to a hill. Plant seed one inch deep. Later thin to 2 or 3 plants to a hill. One ounce for 200 feet of row. ¼ lb. for 75 hills. 3 to 4 lbs. to an acre.

GreenStripedCashaw. Fruits are crookneck shape, with a thick heavy neck. The skin is creamy white marked with green bands. Fruit solid; averages 10 to 15 lbs.; flesh rich yellow, fine grained, sweet and excellent for pies. Sells well on the market. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

MAMMOTH GOLDEN CASHAW. Also known as Crookneck. One of the widely popular sorts. Long, light colored. Flesh yellow, solid, sweet; excellent for pies. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

JAPANESE PIE. Shape crooknecked. The skin is dark green, with lighter green markings. A very early popular sort. The neck being solid, it furnishes a large amount of food for stock or canning. Weighs 10 to 12 lbs. Fine for pies. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

KING OF THE MAMMOTHS. (Jumbo). Fruit grows to enormous size, sometimes reaching 100 lbs. in weight. Salmon-orange skin; very thick, bright yellow flesh, which is fine grained, tender, of excellent quality for pies and a good winter keeper. Pkt. 10 cts., oz. 20 cts., ¼ lb. 45 cts., lb. \$1.50, 2 lbs. \$2.75, 5 lbs. \$6.35.

Small Sugar. Small size, averaging about 10 in. in diameter, of excellent keeping qualities, flattened or slightly ribbed. Skin deep orange-yellow, flesh very sweet and tender. One of the best for pies. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20.

Peas

The pea should be planted very early in the Spring. The smooth dwarf sorts are highly satisfactory. Peas may be had during most of the summer and they should be grown much more largely for canning and drying. They require a fairly rich soil and the taller sorts should be well supported to secure maximum yields. Two pounds to 100 feet of row, 120 pounds to an acre.



"HOLCO" MARKET GARDENER EXTRA EARLY PEAS

Extra-Early Smooth Peas

ALASKA. Also called "Earliest of All." The most extensively used Smooth Pea. Popular with early market gardeners owing to its abundance of pods and uniform maturity. Vines growing 20 to 30 inches. Pods 2½ inches long, straight, round, well filled. Pkt. 10 cts., ½ lb. 20 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 20 cts. lb.

"Holco" Market Gardener Extra-Early. A large podded extra-early. This superb strain excels in purity of stock and freedom from sports all other extra-early peas ever offered in this or any other country. Equally as early as Alaska, the peas are much better in flavor. The vines are quite slender, of very quick growth, and average eighteen to twenty-four inches in height. The pods are well filled, and the entire crop can be gathered in one picking. Pkt. 10 cts., ½ lb. 25 cts., 1 lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

Hundredfold. This is, without doubt, the very best dwarf Pea ever grown. We have found none so near perfection as Hundredfold. Fine flavored and largest-podded. It is ready about three days after the earliest sorts, and bears an enormous crop of handsome, intensely dark green, fairly broad and pointed pods, 4 inches long, containing about 8 large, dark green Peas of excellent quality. The vines are 16 inches high, sturdy. Pkt. 15 cts., ½ lb. 25 cts., 1 lb. 45 cts., 2 lbs., 85 cts., 5 lbs. \$2.00, postpaid; 10 lbs. or more at 35 cts. lb.

Extra-Early Wrinkled Peas

Little Marvel. A dwarf, first early wrinkled Pea. The demand among market gardeners for this variety is already enormous. Height of vine 15 inches. The pods 3 inches in length, frequently borne in pairs. The pods contain 6 or 7 large, dark-green peas. Very productive sort, pods larger than Nott's Excelsior, maturing at the same time. Pkt. 10 cts., ½ lb. 25 cts., 1 lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

Nott's Excelsior. Very heavy yielder. Peas wrinkled, sweet flavor, height of vine 14 inches. This pea is used in large quantities and is very popular. Pods 2¾ inches long, straight, round. Pkt. 10 cts., ½ lb. 25 cts., 1 lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

PREMIUM GEM OR IMPROVED LITTLE GEM. Early, prolific, uniform in growth and productiveness, bearing pods on both sides of the stalk. Pods 2½ inches long, well-filled to the end. Height of vine 15 inches.

Pkt. 10 cts., ½ lb. 20 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

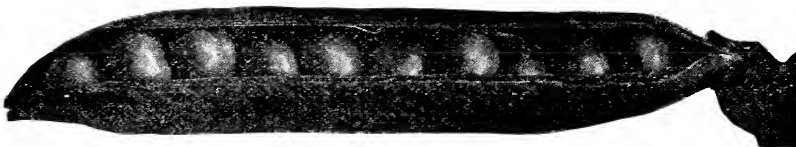
AMERICAN WONDER. Vigorous, productive. Very popular with private and market gardeners. Peas wrinkled, height of vine 12 inches. Pods 2½ inches long, round, crowded to the end. Pkt. 10 cts., ½ lb. 25 cts., 1 lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

SUTTON'S EXCELSIOR. A wrinkled, early sort. The 16 to 18 inch vines are productive; pods mature a little later than Nott's Excelsior. The pods are 3 to 3¼ inches long and very broad, straight, and well filled to the end. Pkt. 10 cts., ½ lb. 20 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Gradus. ("Prosperity.") The plants grow about 2 feet tall and bear an enormous crop of fine pods. The pods measure about 4 inches in length. They are nearly straight and pointed at the tip, containing seven to nine large, sweet peas. The quality of Gradus is particularly fine. It is a popular variety with market growers. Pkt. 10 cts., ½ lb. 25 cts., 1 lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.



HUNDREDFOLD PEAS



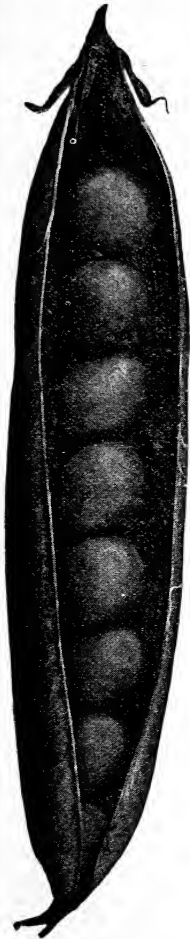
GRADUS OR PROSPERITY PEAS

Ten-Pound Prices Do Not Include Transportation

Peas—Continued

Laxtonian. A first - early dwarf wrinkled Pea. Bears long, handsome pods while the vines require no staking. Is unequalled for extreme earliness, superb quality, and productiveness. The dwarf vigorous vines average fifteen inches in height and carry enormous crops of large handsome pointed pods, generally borne singly, and tightly packed with 8 to 10 extra large bluish-green peas. These peas are not only large in size, but of most luscious flavor. If sown thinly, say 4 inches between the seeds in the row, the produce will astound even experienced gardeners. Pkt. 10 cts., ½ lb. 25 cts., 1 lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

Thomas Laxton. A long-podded, extremely-early wrinkled Pea. The pods are a deep, rich green, square at the ends. The large peas present a very attractive appearance, being a deep green, and are sweet and of fine flavor. Pkt. 10 cts., ½ lb. 25 cts., 1 lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

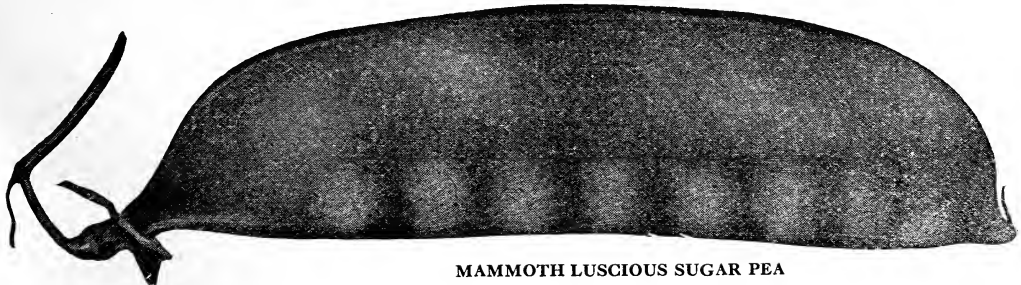


LAXTONIAN PEA

DWARF GREY SUGAR. Edible-podded sort and used only in that way. Pods are broad and flat. Cook pods same as beans. Pkt. 10 cts., ½ lb. 20 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Mammoth Luscious Sugar.

Excels in size and productiveness all edible-podded peas. The vines are most vigorous in growth, attaining a height of six feet. The pods are monster size, measuring 6 to 7 in. in length, by 1 to 1½ in. in breadth. Being of delicious flavor, pods cooked and served like string beans will make a dish that no one would care to pass up. Pkt. 15 cts., ½ lb. 25 cts., 1 lb. 45 cts., 2 lbs. 85 cts., 5 lbs. \$2.00, postpaid; 10 lbs. or more at 35 cts. lb.



MAMMOTH LUSCIOUS SUGAR PEA

Potlatch Pea

Extremely Prolific Superb Quality Dark Green Pods

The magnificent dark green pods, borne in pairs, are 5 to 6 inches long containing 8 to 10 large peas which are exceptionally rich in flavor. One of our finest peas for garden and table use, excellent for private gardens. Pkt. 10 cts., ½ lb. 25 cts., 1 lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

CARTER'S DAISY OR DWARF TELEPHONE. Vines heavy, growing 20 inches with green foliage. Peas wrinkled. Pods 4½ inches long, broad, straight, rounded at the point, and well filled, containing 8 and 9 peas. Pkt. 10 cts., ½ lb. 25 cts., 1 lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

TELEPHONE. One of the leading large-podded, wrinkled sorts. Pods 5 to 5½ inches long, broad, straight, pointed, well filled with large peas of delicious flavor. The dark-green pods retain their color long after picking. Pkt. 10 cts., ½ lb. 20 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

CHAMPION OF ENGLAND. Large tender luscious Pea. Vigorous in growth. Pods 4 inches long, dark green in color, broad and nearly straight. Pkt. 10 cts., ½ lb. 20 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.



POTLATCH PEA

Alderman. Remarkably productive. Vines medium, dark-green and very luxuriant in appearance, growing 4 feet. Pods 5 to 5½ inches long. Retain their dark-green color long after picking, making them most desirable for market gardeners. Pkt. 10 cts., ½ lb. 25 cts., 1 lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

MELTING SUGAR. A standard edible-podded sort; vines tall. Pods cooked the same as beans. Seed white. Pkt. 10 cts., ½ lb. 25 cts., 1 lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

Pepper

Sow the seed in a hotbed or window-box, about March 1st; transplant to the open when all danger from frost is over. Set plants in rows 3 ft. apart, 18 in. in the row. One ounce of seed produces 1,200 plants. 3 to 4 ounces for setting out one acre.



HOLMES' PROLIFIC SWEET PEPPER

Ruby King. Is the most popular large red pepper. Plants grow 2 ft. high and bear a fine crop of handsome, extra-largescarlet fruits, 4 to 5 inches long and 3 inches thick. The flesh is sweet, fine for mangoes. Pkt. 10 cts., ½ oz. 20 cts., oz. 35 cts., ¼ lb. \$1.00, lb. \$3.50, 3 lbs. \$6.25, 5 lbs. \$15.50.



LONG RED CAYENNE

Giant Crimson. ("Ohio Crimson") Earliest of the extremely large red, smooth, Sweet Peppers. 4½ inches long and 3½ inches across the top. Plant is vigorous, growing 2½ ft. high, which is taller than the Chinese Giant, and more productive. The flesh is exceptionally thick. Color, deep crimson when matured; flavor very mild. Pkt. 10 cts., ½ oz. 30 cts., oz. 50 cts., ¼ lb. \$1.50, lb. \$5.00, 2 lbs. \$9.40, 5 lbs. \$23.00.

NEAPOLITAN. The earliest of all large mild peppers, the most productive of all large peppers. The skin and flesh are bright red; mild as an apple. Pkt. 10 cts., ½ oz. 20 cts., oz. 35 cts., ¼ lb. \$1.00; lb. \$3.50, 2 lbs. \$6.25, 5 lbs. \$15.50.

PIMENTO. Thickest fleshed of all peppers. The solid meat is always sweet. The fruits are crimson-scarlet in color. The peppers measure from 2 to 2¼ inches across at the stem end and average from 3 to 3½ inches in length. The skin is perfectly smooth, without any ridges. The peppers are never hot. Pkt. 10 cts., ½ oz. 20 cts., oz. 35 cts., ¼ lb. \$1.00, lb. \$3.50, 2 lbs. \$6.25, 5 lbs. \$15.50.

LARGE BELL OR BULL NOSE. It is prolific; ripens quite early. Fruits rich scarlet; 3 in. in length and 2 in. in diameter. Thick flesh, somewhat hot or pungent. Pkt. 10 cts., ½ oz. 20 cts., oz. 35 cts., ¼ lb. \$1.00, lb. \$3.50, 2 lbs. \$6.25, 5 lbs. \$15.50.

GOLDEN DAWN. Similar to the Large Bell or Bull Nose, excepting that it is golden yellow and very sweet. Pkt. 10 cts., ½ oz. 25 cts., oz. 45 cts., ¼ lb. \$1.35, lb. \$4.50.

LONG, RED CAYENNE. A large hot pepper. These are five inches long, color bright red. Very popular for gardeners who want a sharp pepper. Pkt. 10 cts., ½ oz. 25 cts., oz. 40 cts., ¼ lb. \$1.10, lb. \$4.00, 2 lbs. \$7.40.

"Holco" Prolific Sweet

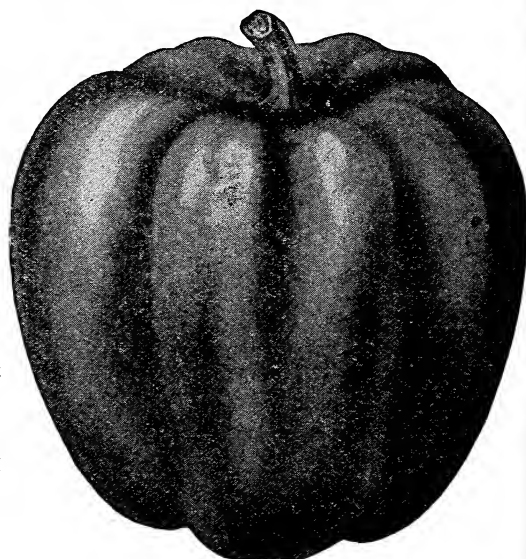
A Wonder Among New Early Peppers

The most prolific early Pepper. The strong vigorous plants grow about 20 inches high, and bear so many peppers that they seem hardly able to support them. The fruit when ripe is a beautiful scarlet. "Holco" Prolific Sweet is known for its earliness, size and yield. Its shape is unsurpassed. Is very mild, can be eaten like an apple. It bears up till frost. This pepper has been grown by thousands of our customers each year from North to South, and has been a leader wherever grown. If you want an early pepper and lots of them, plant "Holco" Prolific Sweet; they can't be beaten for an all-round pepper.

Worldbeater. (Ruby Giant.) The result of a cross between Chinese Giant and Ruby King. It has the size and vigorous growth of Chinese Giant, and the earliness and hardness of Ruby King. Flesh is deep scarlet, thick, and always mild. Excellent for market and home garden, being a tremendous yielder. Pkt. 10 cts., ½ oz. 25 cts., oz. 40 cts., ¼ lb. \$1.10, lb. \$4.00, 2 lbs. \$7.40, 5 lbs. \$18.00.

HUNGARIAN WAX (Yellow). This pepper in its marketable stage is yellow, and turns red when thoroughly ripe. It is used quite extensively in the Cleveland district among the foreign trade. It is a sweet, thick-meated pepper, about 4 inches long. The top is about 2½ inches in diameter, tapering down to a point. Pkt. 10 cts., ½ oz. 30 cts., oz. 50 cts., ¼ lb. \$1.50, lb. \$5.00, 2 lbs. \$9.40, 5 lbs. \$23.00.

CHINESE GIANT. Stocky plant, fruit are 4 to 5 inches broad and fully as long; of a brilliant glossy red when ripe. Flesh very thick and sweet, containing few seeds. Ideal sort for home garden. Pkt. 10 cts., ½ oz. 30 cts., oz. 50 cts., ¼ lb. \$1.50, lb. \$5.00, 2 lbs. \$9.40.



GIANT CRIMSON PEPPER

A very mild-flavored Mango, suitable for stuffing because of its size.

Radish

Radishes must grow quickly to be good, especially the small early sorts. The soil should therefore be thoroughly prepared. Start to sow right after frost is gone, at intervals of 10 days or so to insure a constant supply. Thin to 24 plants to the foot. If crowded, they run to leaves without making roots. Many gardeners sow the early sorts in the rows of slow-growing crops. The summer and winter varieties should be thinned to 6 to the foot; winter varieties should not be sown until August. One ounce will sow 100 feet of row; 8 pounds will sow an acre in drill 12 pounds broadcast. Radish Seed is strictly of the finest grade, being grown from carefully selected and transplanted roots.

Early Scarlet Globe

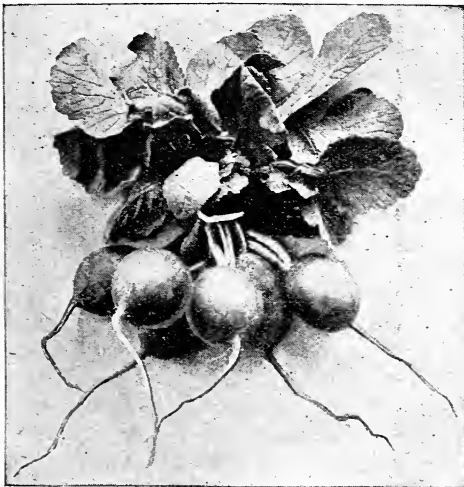
For out door culture or hot bed forcing and for Greenhouse. Very mild, crisp and tender. In color it is most attractive being a brilliant scarlet, with the whitest of white crisp flesh. It grows quickly and evenly, being ready for market in 25 days. There are many strains of Scarlet Globe on the market varying greatly in quality. The strain we offer has been very carefully bred up until in tests this last season with 17 other strains, this graded highest of any. Gardeners have found that it produces a more uniform crop both as to size and maturity. It is fine for field culture and equally good for forcing. No market gardener can go wrong on this strain of Scarlet Globe, and the home gardener will find it a most valuable addition to his early garden. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.00 2 lbs. \$1.80, 5 lbs. \$4.20, 10 lbs. \$7.50.

Crimson Giant.

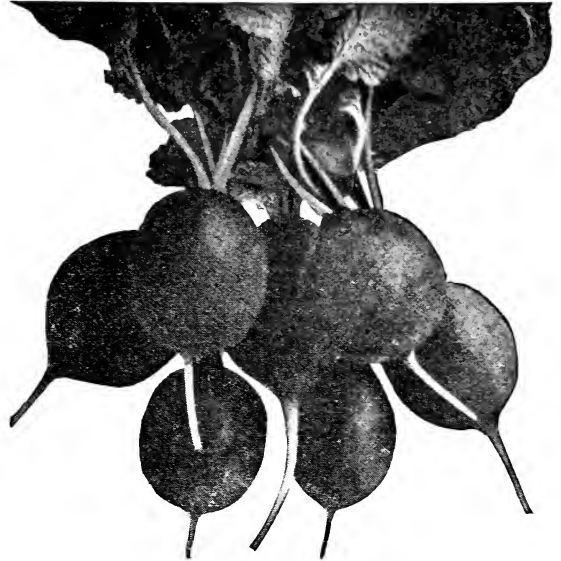
Should have been named the "Ever Ready." Impossible to imagine a market-gardener even attempting to do without this splendid Radish. Within a few days as early, as the extra-early varieties. It has a splendid color being deep crimson, which makes it absolutely the most attractive Radish. We are prepared to give our customers a very fine and uniform strain of this excellent Radish. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20, 10 lbs. \$7.50.

FRENCH BREAKFAST. A rapid growing variety. It is a beautiful deep rose-scarlet excepting the small pure white tip. Its small top and earliness make it a fine sort for outdoors, also for growing under glass. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20, 10 lbs. \$7.50.

NON PLUS ULTRA OR FIREBALL. This variety has a small top and is early in cultivation, making it one of the best for forcing under glass. Roots ready to pull may be had in three weeks. They are small, globular, smooth, very deep red in color. Flesh is white, crisp, tender and mild in flavor. May be planted very closely, owing to their small top. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20, 10 lbs. \$7.50.



ROYAL RED FORCING RADISH
Earliest Red for Under Glass or Outdoor.



Early Scarlet Globe Radish

Red Rocket.

Rosy carmine in color, olive shape with short top, these are among the earliest varieties grown and are used very extensively for early forcing, as they may be had in 21 days from sowing. Red Rocket is the ideal first early radish. They present a most attractive appearance when prepared for the table. We advise everyone to grow them. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25, 10 lbs. \$9.40.

SPARKLER. A scarlet turnip, white-tipped. Is extremely quick to mature, ready in 25 days from the time of sowing the seed. Market-gardeners find it a quick-selling sort, satisfactory in the private or home garden. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20, 10 lbs. \$7.50.

EARLY SCARLET TURNIP. Extra early sort. Skin smooth, round, rich scarlet. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. 90 cts., 2 lbs. \$1.65, 5 lbs. \$3.40, 10 lbs. \$6.60.

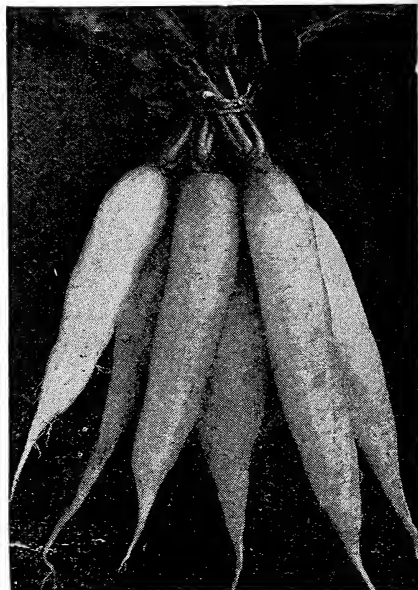
Royal Red Forcing—(Earliest Red)

For under glass and outside we have invariably found Royal Red Forcing to reach a marketable size several days earlier than any other sort. The Radishes are perfectly round, three-quarter inch to one inch in diameter. The roots are round or ball shaped rather than turnip shaped. The color is bright deep scarlet. Flesh firm, white, crisp and mild. Leaves very short and small and only three or four when the radishes are ready for market. Because of its small top, quick maturity and handsome color we consider this the best forcing radish and can recommend it for the open ground. Pkt. 10 cts., oz. 20 cts., ¼ lb. 45 cts., lb. \$1.35, 2 lbs. \$2.45, 5 lbs. \$5.70, 10 lbs. \$10.25.

We received a letter from an Agricultural Experiment Station, in regard to the tests of our Radishes which they ran in their greenhouses, stating, "Pleased to say that your Royal Red Forcing proved the most valuable in the test, which included nineteen different varieties, all of which were supposed to be superior forcing strains. The seed was sown November 9th of last year, and the first harvest was made December 30th, and weekly hereafter. The strain which we mentioned above was uniform, and 57% of the crop was harvested at the first two harvesting periods."

Icicle Radish

Finest and longest of the very early, pure white sorts, ready for use in 20 to 25 days. This radish is not only crisp and tender when young but retains these qualities until the roots attain large size, so that it will remain in fine condition longer than any other first-early variety. Is excellently adapted for forcing purposes or successive sowings in the open ground. Pkt. 10c, oz. 15c, ¼ lb. 35c, lb. 90c, 2 lbs. \$1.65, 5 lbs. \$3.40, 10 lbs. \$6.60.



ICICLE RADISH
"Hard to Beat."

Cincinnati Market. This radish originated in the vicinity of Cincinnati, Ohio, with the "Glass Gardeners" there. The tops are so small that the Radishes may stand touching each other in the rows. The Cincinnati Market Radish grows perfectly straight and smooth, 6 to 7 in. in length. Skin scarlet, very thin, flesh crisp and brittle. Pkt. 5 cts., oz. 15 cts., ¼ lb. 35 cts., lb. 90 cts., 2 lbs. \$1.65, 5 lbs. \$3.40, 10 lbs. \$6.60.

IMPROVED CHARTIERS. Excellent for the home garden. Bright scarlet on the upper part and pure white long tips, the handsomest long red Radish on the market, the best seller; 25 days after planting it is usually ready for the table. Pkt. 10 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20, 10 lbs. \$7.50.

EARLY LONG SCARLET SHORT-TOP. The long, slender, red roots are most attractive in appearance. They are ready in about 25 days; crisp, brittle, of choicest quality. They reach a length of 5 to 6 in., growing half out of the ground. Pkt. 10 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20, 10 lbs. \$7.50.

WHITE STRASBURG. White Radish of large size, good quality, and ability to resist severe heat. We recommend White Strasburg for summer planting. Will grow solid with good flavor, when others fail. Popular with gardeners. Pkt. 10 cts., oz. 15 cts., ¼ lb. 35 cts., lb., \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.50, 10 lbs. \$7.50.

PEARL FORCING. A beautiful pearly white, long variety. It is firm and solid, and remains in shape for some weeks before becoming woody or showing any sign of going to seed. A first-class Radish. Pkt. 10 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.00.

LONG WHITE VIENNA, OR LADY FINGER. An extremely popular sort, one of the best and finest of the long white Radishes. Flavor is sweet and mild, with brittle flesh. An especial favorite with many market gardeners. Pkt. 10 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20, 10 lbs. \$7.50.

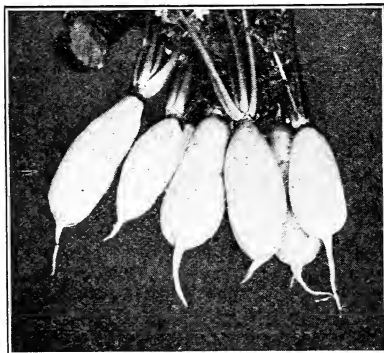
HOW TO CONTROL MAGGOTS

An application of salt to a field infested with maggots will give almost complete control against them. Always rotate crops. A dressing of Nitrate of Soda or Sulphate of Ammonia will greatly stimulate growth and insure tender, brittle roots.

MIXED RADISHES. Radishes of all colors—red, pink and white, round, oblong, half-long and long; and from the earliest to the very latest varieties. Just what is wanted for the home garden where the space is limited. One sowing is all that is required for the whole season. Pkt. 10 cts., oz. 15 cts., ¼ lb. 35 cts., lb. 90 cts., 2 lbs. \$1.65, 5 lbs. \$3.40, 10 lbs. \$6.60.

Winter Radishes

Winter radishes require cool weather at the finish of their growing season, though they may be started during hot weather. Make your first planting the middle of June, a second the middle of July, and a third the middle of August. Sow thinly in rows not less than 15 inches apart between the rows, and thin out to stand 6 inches apart in the row. Winter Radishes are easily stored for winter use in any frost-proof cellar. One ounce for 100 feet of row.



WHITE CHINESE RADISH

WHITE CHINESE OR CELESTIAL. Never has a winter Radish won so much favor. The true stock is pure white and although a winter radish, can also be grown in late summer; flesh is firm, solid and stump-rooted; keeps all winter in

prime condition; is of mild flavor. Pkt. 10 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20, 10 lbs. \$7.50.

CHINA ROSE. A radish of large size, blunt at both ends. Skin is a bright scarlet and the flesh is pure white, firm and crisp. May be sown up to August, thicker than any other winter radish. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.00, 2 lbs. \$1.80, 5 lbs. \$4.20, 10 lbs. \$7.50.

ROUND BLACK SPANISH. Root rounded or top shaped, from 3 to 4 in. in diam.; skin very black; flesh white, firm texture and very pungent. Keeps a long time. Pkt. 10 cts., oz. 20 cts., ¼ lb. 40 cts., lb. \$1.25, 2 lbs \$2.25, 5 lbs. \$5.25.

LONG BLACK SPANISH. Roots measure 7 to 10 in. long and 2 to 3 in. in diam.; skin very black, flesh white, firm, compact; keeps well. Pkt. 10 cts., oz. 20 cts., ¼ lb. 40 cts., lb. \$1.25, 2 lbs. \$2.25, 5 lbs. \$5.25.

Rhubarb or Pieplant

Requires a deeply cultivated and thoroughly manured soil. Sow the seed early in the spring, in rows 1 foot apart; the second year after planting plants can be removed in autumn to the permanent place in the garden allotted to them. Plant the roots 3 to 4 feet apart each way at least 2 feet deep. One ounce of seed produces 500 plants; 3½ lbs. to an acre.

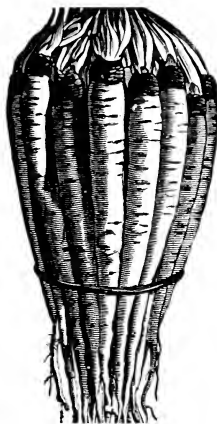
GIANT VICTORIA. Large, tender, the finest cooking sorts. Pkt. 10 cts., oz. 20 cts. ¼ lb. 50 cts., lb. \$1.75, postpaid.

Rhubarb Roots

Ready from October to May 15th.

20 cts. each, 4 roots for 60 cts., 12 for \$1.50, postpaid. By express, 100 roots \$6.50.

You do not know how really delicious vegetables are until you gather them fresh from your garden.



SALSIFY

Salsify or Oyster Plant

Treat about the same as carrot, except that Salsify is hardier, may be left in the ground all winter. Sown in rows 1 to 1½ feet apart, and thin to 4 inches in the row. Cover seed about 1 inch. Sow in early spring. One ounce will sow 100 feet of row; 8 lbs. to the acre.

MAMMOTH SANDWICH ISLAND.

Roots much heavier than the old Long White. Is white in color, and a satisfactory sort in every way. Invaluable to market gardeners. Pkt. 10 cts., oz. 25 cts., ¼ lb. 70 cts., lb. \$2.25, 2 lbs., \$4.20, 5 lbs. \$10.00.

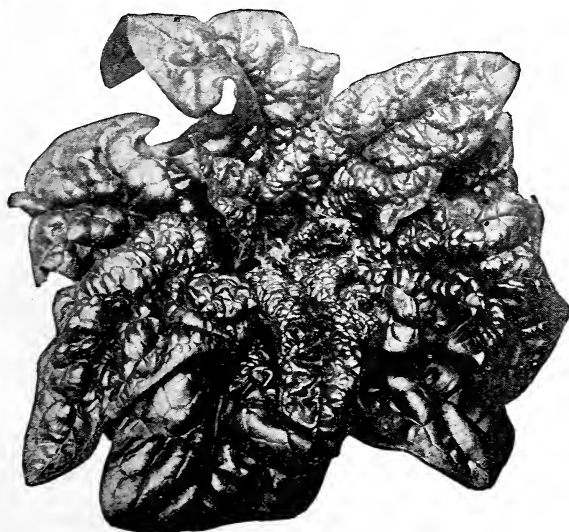
SWISS CHARD (see page 9).

Spinach

Spinach can easily be grown in the spring and fall. Make first sowing as early as possible, and repeat at intervals until June 1. For fall use seeding may be made from August 1 to September 15. To winter over for spring use, sow from September 10 to October 5, according to the season. Rows should be one foot apart, and plants about two inches apart in the row. For summer use, we recommend New Zealand Spinach. One ounce will sow 100 feet of row. 15 lbs. will sow an acre in rows; 25 lbs. will sow an acre if broadcast.

Reselected Bloomsdale Long Standing

This sort as well as Princess Juliana has been evolved by a new method of plant culture. It has been discovered by plant breeders that male spinach plants are always first to bolt to seed; This strain has been selected and bred until it is almost entirely female plants or of that habit of growth, and consequently will stand two to three weeks longer than ordinary Bloomsdale. The plant is of strong sturdy growth, the leaves dark green, very thick and crumpled. It is very hardy and of rapid growth. The broad crumpled leaves weigh heavily, making it an excellent market variety. The flavor is very delicate and pleasing. Be sure and try a field of this variety. Under normal weather conditions, you will not be disappointed. Pkt. 10 cts., oz. 15 cts., ¼ lb. 20 cts., lb. 35 cts., 10 lbs. \$2.75.



RESELECTED BLOOMSDALE SPINACH

King of Denmark. This variety is the most valued in recent years. In tests alongside of other varieties, it has been slower to run to seed. **King of Denmark** forms large tufts (or rosettes), compact and low. The numerous leaves are extra-large, broad and rounded. Exceedingly bushy, slightly crumpled, glossy dark green in color; vigorous and rapid grower. Is ready for use practically as early as any Spinach, and stands unusually long before bolting to seed. Pkt. 10 cts., oz. 15 cts., ¼ lb. 25 cts., lb. 50 cts., 10 lbs. \$4.00.

Giant Thick Leaf. One of the largest and best sorts for spring and fall sowing to winter over for spring use. An early variety; has a very thick, large, slightly crumpled leaf of medium green color. Excellent for fall and spring sowing. Pkt. 10 cts., oz. 15 cts., ¼ lb. 20 cts., lb. 35 cts., 10 lbs. \$2.75.

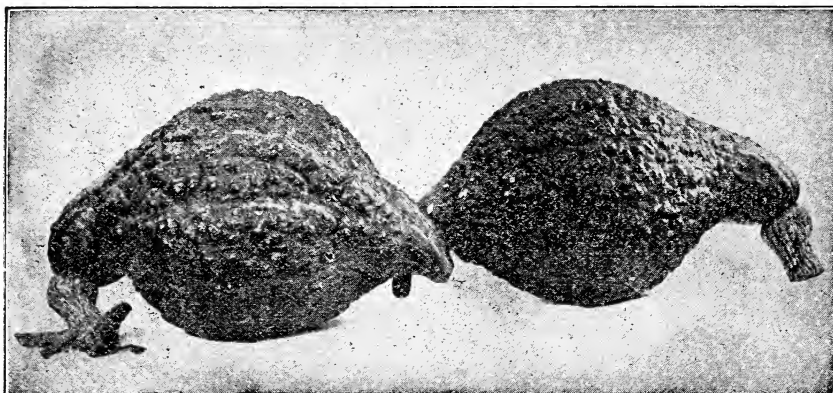
PRINCESS JULIANA. A new type of Spinach. The leaves are of good size, very dark green, well crumpled and thick. (Spinach is generally dioecious, i. e., there are male and female plants.) This first bolting seed has been eliminated in this new race by the production of hermaphrodite plants, these plants seeding much later than male plants. We recommend for trial. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. 70 cts., 10 lbs. \$4.50.

LONG SEASON. The leaves are good size, very dark green, well crumpled and thick. It does not wilt or run to seed so quickly as other sorts. The whole plant forms a dense, compact rosette; of delicious flavor. Pkt. 10 cts. oz. 15 cts., ¼ lb. 20 cts., lb. 35 cts., 10 lbs. \$2.75.

NEW ZEALAND. A distinct Spinach, different from other varieties. Thrives in hot weather, in any soil, rich or poor. Plant is of spreading habit, very large, with comparatively small, broad pointed leaves. Tender shoots can be cut throughout the summer. Do not sow seed until the soil is fairly warm. Soak the seed before sowing. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. 75 cts.

Squashes

Make the ground very rich. A good sandy loam is best. The squashes are all tender, and the seed should not be planted until maples are out in full leaf. Allow 4x4 ft. for the hills of the Bush Squashes, and 8x8 ft. for the running varieties. Place 6 to 8 seeds in each hill and thin to the two strongest plants. For summer squash 4 ounces will plant 100 hills, 4 to 6 lbs. per acre. For winter squash 8 ounces to 100 hills, 3 to 4 pounds per acre.



IMPROVED HUBBARD SQUASH

A winter sort and splendid for pies.

“Des Moines” (Table Queen or Acorn). This is a small acorn shape, dark green, almost black squash, about 6 to 8 inches long and 3 inches in diameter; sides are ridged. The rind is a deep green, turning to an orange color as it ripens. A culinary treat is in store for the one who has never eaten half a Table Queen, baked and buttered. This squash is ready before the Hubbards, yet stores equally well. Meat is dry and mealy. Yields enormously; a few hills furnishes an ample supply for a good sized family. Pkt. 10 cts., oz. 25 cts., ¼ lb. 65 cts., lb. \$2.00, 2 lbs \$3.80, 5 lbs. \$8.00.

To keep Winter Squashes, store in a dry, well-ventilated room where frost will not touch them. Putting them one deep on shelves is a good way; also be sure not to break the stem off close to the squash.

cts., lb. \$1.40, 2 lbs. \$2.55, 5 lbs. \$5.90.

RED OR GOLDEN HUBBARD. Has the shape and virtues of the Hubbard, but earlier and more productive. Color of the skin deep yellow or orange-red. Fine grained and sweet. Cooks dry, a splendid keeper. Pkt. 10 cts., oz. 20 cts., ¼ lb. 40 cts., lb. \$1.40, 2 lbs. \$2.55, 5 lbs. \$5.90.

Delicious. Has dark green skin, sometimes with light green stripes at the blossom end. Very delicious in flavor, excellent winter keepers. Flesh is dark orange, very thick and fine grained. Pkt. 10 cts., oz. 20 cts., ¼ lb. 40 cts., lb. \$1.40, 2 lbs. \$2.55, 5 lbs. \$5.90.

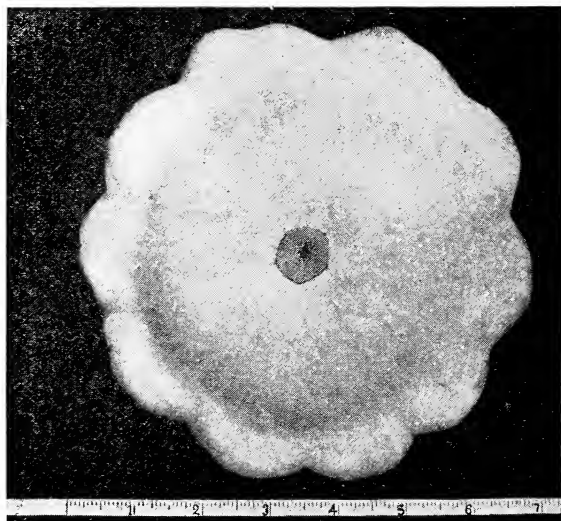
Summer Varieties *Eat When Young*

Early White Bush Scallop. (Patty Pan) Squashes are earlier than any other summer variety. Skin is white and tender. Of dwarf, bushy habit, quite hardy, very productive. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.00, 2 lbs. \$1.90, 5 lbs. \$4.45.

Giant Summer Crookneck. One of the best of all summer squashes. Of dwarf bushy habit, very productive. Skin is yellow. Flesh has a deep golden yellow color, is dry and of most agreeable flavor. This is most highly esteemed of all the summer squashes. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40c, lb. \$1.35, 2 lbs. \$2.50, 5 lbs. \$5.70.

FORDHOOK. A most delicious sort for both summer and winter use. The vines are running very productive. Skin is smooth, straw-yellow tint; meat is thick, creamy-yellow, sweet and buttery. Pkt. 10 cts., oz. 20 cts., ¼ lb. 40 cts., lb. \$1.40, 2 lbs. \$2.55, 5 lbs. \$5.90.

ITALIAN VEGETABLE MARROW (Cocozella di Napoli). The vines are of bush habit and produce large, much elongated fruits. The skin is a dark green changing to stripes of green and yellow as it ripens. The fruits are in best condition for the table when six or eight inches long, but can be used when somewhat larger. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.20, 2 lbs. \$2.20, 5 lbs. \$5.00.



EARLY WHITE BUSH SCALLOP SQUASH

Tobacco

Connecticut Seed Leaf. Broad leaf of medium length. Suitable for cigar fillers. Pkt. 10 cts., oz. 45 cts., ¼ lb. \$1.25, lb. \$4.50,
Improved White Burley. A favorite; for plug fillers and

wrappers. Pkt. 10 cts., oz. 45 cts., ¼ lb. \$1.25., lb. \$4.50.
Havana. The leaf is of fine texture. Used for cigar wrappers. Pkt. 10 cts., oz. 50 cts., ¼ lb. \$1.50, lb. \$5.00.
 Full cultural directions on each packet.

Tomato

Sow the seed in February or March in a hotbed, greenhouse or in shallow boxes in the house. When plants are about 2 inches high, transplant to 4 inches apart. Transplant in the open ground after all danger of frost is past, 3 to 4 feet apart each way. Cultivate frequently. When plant has reached a height of 5 feet, cut off the top. When three or four clusters of fruit have formed and some of the fruit is as large as a silver dollar, prune the leaves at the base one-half. This hastens ripening. Once a month apply sheep manure around each plant. One ounce will produce 2,000 to 3,000 plants, 2 to 3 ounces for an acre; 35 to 40 plants for 100 feet of row.

Garland Tomato

Introduced by Us

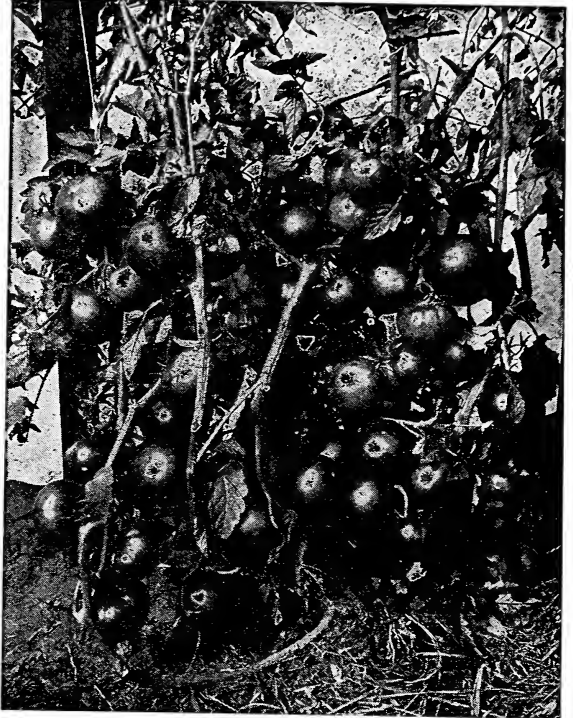
The Largest, Heaviest Cropper, Smoothest and Finest Flavored, Extra Early Red Tomato

This wonderful tomato originated in the state of Wisconsin, where it has been grown for several years.

We cannot give you a better description of this tomato than what our grower claims for it: "It is as early as John Baer or Bonny Best, it produces one-third more and does not crack, which is a very important matter, keeps its size well through the growing season, being a continuous bearer, and excellent shipper. In a test alongside of John Baer and Bonny Best, handled exactly the same, it yielded fully one-third more and the fruit was larger and freer from cracks. It is an excellent bearer, as good as any tomato that I know of, and I have tried most all kinds that are cultivated at the present time."

In our own test alongside of John Baer and Bonny Best, we have found that it did just as the originator said it did. We are confident that this tomato is worthy of a trial in every garden and truck patch. Pkt. 20 cts., ¼ oz. (About 2,000 seeds) 40 cts., oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.

Mrs. B. J. Ferguson, Ohio. I was very well pleased with all the seeds I bought from you. The Garland Tomatoes are fine; they are great yielders for an early tomato, very firm and solid, and a good market tomato.



GARLAND TOMATO
A splendid sort for all purposes.

Avon Early. One of the very earliest scarlet fruited varieties. The vines are medium size and very productive. We consider this variety just as early as Earliana, and is an invaluable sort for Market Gardeners' use. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.00, lb. \$3.50.

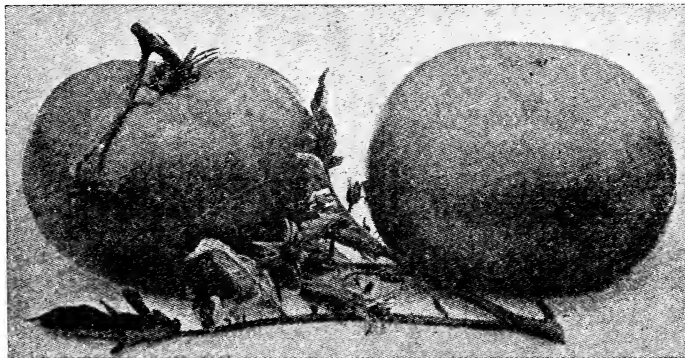
SPARK'S EARLIANA. The earliest red tomato. The vines are compact in growth, with short close-joined branches, very productive. Fruit fair size and firm. Earliana is not suited for heavy soils and will not perform well on them. A warm sandy loam is the proper place for Earliana. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.00, lb. \$3.50.

Chalk's Early Jewel. An extra-early large smooth, red tomato, following Earliana; is a heavier cropper, larger size, excellent producer. They are bright scarlet, very smooth, firm, solid; of remarkably fine, sweet flavor. We recommend it for market as well as home garden. Pkt. 10 cts., oz. 45 cts., ¼ lb. \$1.10, lb. \$4.00.

John Baer. An early sort. Very hardy and exceptionally productive. Fruits large, most attractive red color. They are nearly round, smooth, firm and of excellent quality. An invaluable sort for market gardeners' use. Pkt. 10 cts., oz. 45 cts., ¼ lb. \$1.25, lb. \$4.50.

JUNE PINK. This variety is a pink-fruited Earliana, fully as early, resembling that tomato in almost every respect. The stock we have may be relied upon. Pkt. 10 cts., oz. 45 cts., ¼ lb. \$1.10, lb. \$4.00.

BEEFSTEAK. Late; red; vines vigorous; very little seed; large, solid fruit. Pkt. 15 cts., ½ oz. 35 cts., oz. 65 cts., ¼ lb. \$1.75, lb. \$6.00.



BONNY BEST TOMATO

One of the Smoothest, Extra-Early Bright Red Tomatoes

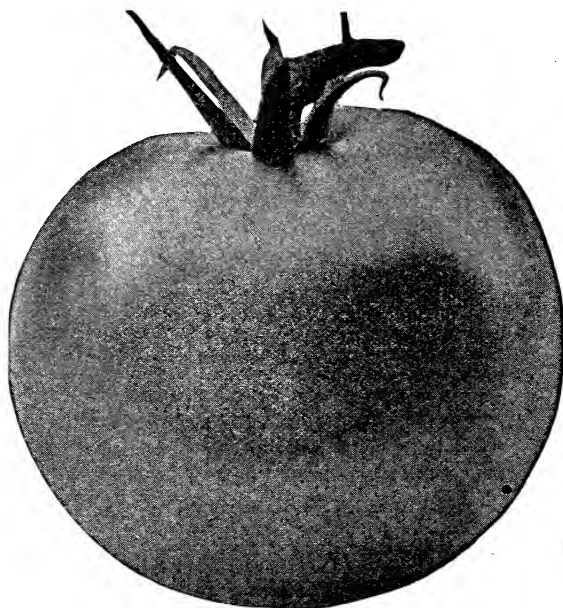
Bonny Best

An Outstanding Sort

One of the very best tomatoes that can be grown. It follows Earliana in the open field. It has been highly recommended by the U. S. Department of Agriculture as well as by big growers and shippers throughout the country. Considered one of the finest sorts for shipping ever introduced. Excellent for the home and market gardens. Pkt. 10 cts., oz. 45 cts., ¼ lb. \$1.10, lb. \$4.00.

Jay Bryan, Ohio. I purchased several kinds o. Tomato Seed, and found the Garland to be the best of them all, so last season I did not raise anything but the Garland. They certainly cannot be beat. I had six plants last year that I can truthfully say had more than six bushels of ripe tomatoes on.

Tomato—Continued



"HOLCO" EVERBEARING TOMATOES
Grown from Pure Bred Seed

"Holco" Everbearing

The Earliest, Largest, Most Prolific and Meatiest Red Tomato Grown

Wonderfully prolific new Tomato. See Illustration from photograph. Uniform in size and absolutely free from the acid taste so common in most varieties. Seed cavities are exceedingly small, making it very meaty. This tomato combines all the good qualities of each parent—earliness of the Earliana, size of Ponderosa. Continuous bearer. Pkt. 20 cts., $\frac{1}{4}$ oz. (about 2,000 seeds) 40 cts., oz. \$1.50, $\frac{1}{4}$ lb. \$5.00.

DWARF CHAMPION OR TREE TOMATO. Has a stiff, vigorous, upright growth; the fruit is round, smooth, purplish pink. Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Ponderosa. Introduced many years ago. In all that time no Tomato has ever surpassed the genuine Ponderosa in size or delicious meaty flavor **Largest, heaviest Tomato grown.** Color is purplish pink. We offer the genuine head-quarters stock. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

YELLOW PONDEROSA. Equals the Ponderosa in size but bears rich golden yellow fruits. Pkt. 15 cts., $\frac{1}{2}$ oz. 35 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.00.

EARLY DETROIT. A large early pink tomato. It is a vigorous grower, producing smooth, nearly globe shaped fruits, firm and of excellent quality. Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

Livingston's Globe. Purplish pink, globe-shaped, medium size, very productive. Always smooth, firm-fleshed and has very few seeds. Valuable variety for forcing under glass. One of the most popular of all purple-fruited tomatoes. Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Marglobe Tomato

Another Triumph of the plant breeders

Dr. Fred J. Pritchard of the Bureau of Plant Industry, United States Department of Agriculture, has developed several wilt-resistant strains of Tomato. We believe *Marglobe* to be his out-standing achievement. It is a hybrid developed from *Marvel* and *Globe*. The stock we offer has been selected for a pure scarlet, globe-shaped type, having the fine characteristics of the *Globe*. Being a hybrid, it is more vigorous than *Globe*, is earlier and a much heavier producer. Under tests it has proven practically immune to *Nail-Head Rust*, and *Fusarium Wilt*. *Marglobe's* heavy producing qualities, and its rich scarlet color make it a valuable canning tomato; its magnificent appearance in size and color makes it a big seller in the market; its sweet flavor makes it a popular tomato for home consumption. With all these qualities, it certainly is a wonder. Days to maturity 140. Our seed was grown by an experienced tomato grower, and as he grows no other, the seed plants were isolated and only the perfect type saved for seed. *Marglobe* sets fruits very easily, and will no doubt prove an outstanding variety in years to come. *Marglobe* has been growing at the Government Farms at Arlington since 1924, and makes one of the most impressive crops one would care to see. You cannot afford to be without *Marglobe* this spring. Pkt. 25 cts., $\frac{1}{2}$ oz. 50 cts., oz. 85 cts., $\frac{1}{4}$ lb. \$3.25, lb. \$12.00.

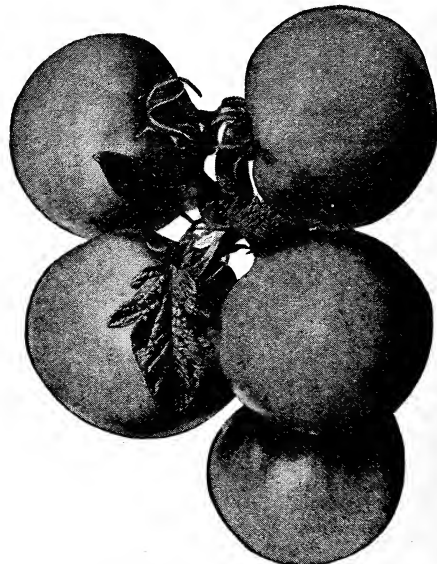
STONE. Many gardeners and canners will have no other. An immense cropper. Flesh solid, color deep red. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$3.00,

GOLDEN QUEEN. Bright yellow. Smooth, ripens medium early; quality excellent. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

BEAUTY. Fruit large, round, smooth, color purplish-pink. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.20, lb. \$3.50.

SMALL-FRUITED OR PRESERVING VARIETIES

Yellow Peach	Red Plum	Red Pear
Yellow Plum	Yellow Pear	Mixed Sorts
STRAWBERRY OR HUSK TOMATO (Ground Cherry)		
Each pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.		



MARGLOBE TOMATO

Turnips

Sow early sorts in April, in rows 18 to 20 inches apart. Cover seed $\frac{1}{2}$ inch and thin out 4 to 6 inches. Cultivate frequently. For succession sow at intervals until the last week in May. For fall and winter crop, sow in July or August, in drills or broadcast. One ounce to 200 feet of row; one pound to the acre in drills; two pounds broadcast.

PURPLE-TOP WHITE GLOBE. A large rapid-growing sort, with globe-shaped roots. Flesh pure white, and the best flavored; the skin is white, with a purple top. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 60 cts., 2 lbs. \$1.00, 5 lbs. \$2.20.

PURPLE-TOP STRAP LEAF. Roots are flat; white below, with a bright purple top; flesh white, leaves short. Will mature in 8 or 9 weeks. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 60 cts., 2 lbs. \$1.00, 5 lbs. \$2.20.

COW HORN. A long white Turnip. Grows to a large size, standing half out of the ground. Is recommended for green manuring purposes. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 75 cts., 2 lbs. \$1.30, 5 lbs. \$2.75.

EARLY WHITE MILAN. Earliest of all. Roots flattened, tops small. The flesh clear white, mild, sweet and tender. Very desirable for forcing. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00, 2 lbs. \$1.85, 5 lbs. \$4.25.

EARLY PURPLE-TOP MILAN. Similar to Early White Milan, roots are flat and an attractive purple-red on the upper portion. Well adapted for forcing. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00, 2 lbs. \$1.85, 5 lbs. \$4.25.

WHITE EGG. An early, egg-shaped sort. The flesh is clear white, firm, fine grained and sweet. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., 2 lbs. \$1.30,

LARGE AMBER GLOBE. One of the best yellow-fleshed sorts. The skin is clear yellow, flesh creamy yellow; fine grained and sweet. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., 2 lbs. \$1.30, 5 lbs. \$2.75.

Ruta-bagas or Swede

AMERICAN PURPLE-TOP YELLOW. The finest, most profitable of all the Swedes, being the hardiest, heaviest, best shaped and most productive. The roots are better keepers than other sorts. The flesh is of a rich yellow. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 60 cts., 2 lbs. \$1.00, 5 lbs. \$2.20.

FOR SEASONING

Every kitchen garden should have a few Herbs. Sow in early spring, at the time when the trees begin to leaf, in ordinarily good and well-drained garden soil, in rows 12 to 14 inches apart. Cover seed lightly. Thin or transplant, to stand, 6 to 12 inches apart in the rows. Cultivate frequently. Varieties preceded by an (*) are perennials.

ANISE. The seed is used for aromatic and medicinal purposes and in baking. The leaves are used for flavoring, garnishing and cordials. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

CARAWAY. Seed is used for flavoring rye bread, etc., and in the making of cheese, also in flavoring sauces. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

CHERVIL. CURLED. Used in salads and for garnishing. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

***CHIVES.** An onion-like plant used as a salad and for flavoring soups. Pkt. 10 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1.00, $\frac{1}{4}$ lb. \$2.50. Plants 30 cts. each, 3 for 65 cts., doz. \$2.00.

CORIANDER. The seed is used for flavoring in baking, in making candy and for culinary purposes. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts.

DILL. Leaves and seed heads are used in making Dill Pickles and for flavoring soups and sauces. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 80 cts.

Herbs

FOR FLAVORING

***FENNEL, SWEET.** The leaves boiled are used in fish sauces; also used in garnishing. Seeds used for flavoring and medicinally. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

***LAVENDER.** Chiefly grown for its flowers, which are used in the manufacture of perfumery. Frequently planted for edging or border in the flower garden. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

MARJORAM SWEET. Leaves and ends of the shoots, both green and dried, are used for flavoring. Pkt. 10 cts. oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

SAGE. Leaves and tops are used for seasoning and stuffing, also for medicinal purposes. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$3.00.

SUMMER SAVORY. Leaves and young shoots are used for flavoring, especially for boiled string beans. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

THYME. Used for seasoning; a tea is also made for nervous headache. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25

ASPARAGUS

Asparagus Roots

An Asparagus bed is a permanent investment and every garden should have one. Plant about 12 inches apart in the row, and rows 3 to 3 $\frac{1}{2}$ feet apart. Plant deep enough to permit the crowns to be covered about 3 inches, with rich, mellow soil. The roots may be planted either in the spring or fall. Two year old plants give best results. Supplied after April 1st. 100 roots for a patch 20x20 feet. About 4,000 plants to set an acre. Tied in bunches of 50 each. We have a very fine stock of field-grown roots. For full description of varieties see page 1.

	Doz.	100	1000
Mary Washington.....	\$0.50	\$2.50	\$20.00
Pedigree Washington... 2-year-old	.40	1.90	15.00
Giant Argenteuil..... 2-year-old	.35	1.25	10.00
Palmetto 2-year-old	.35	1.25	10.00

If by mail, add postage as follows: Doz. 8 cts.; 100, 50c.

Vegetable Root

HORSE RADISH—RHUBARB

Horse-Radish Roots (Ready in March)

Make the rows 3 $\frac{1}{2}$ feet apart, and put the cuttings about 18 inches apart in the row. Late in the fall lift as many roots as you think you will use during the winter, cut off the tops, place them in a cool cellar covered with soil or sand, and grate as wanted. A bed once planted remains for years.

Bohemian Maliner Kren. (Grown by the Introdurers.) A much earlier and better producer than the common sort. The roots grow larger and whiter and the quality is superior. Roots 40 cts. per doz., 100 for \$2.50, postpaid; by express at expense of purchaser, 50 for \$1.00, 100 for \$1.75, 250 for \$4.20, 1000 for \$15.00.

RHUBARB See Page 35

Mushroom Spawn

Cultural directions free for the asking.

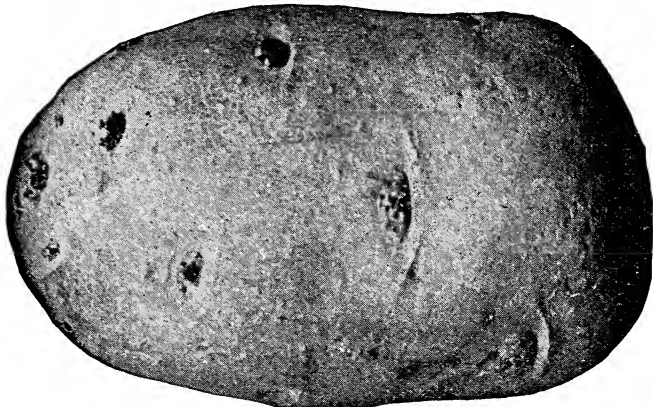
PURE-CULTURE SPAWN. By a newly discovered process of selection and grafting, the spawn is scientifically propagated so that large, vigorous and finely flavored Mushrooms are produced. The sort we offer is earlier, more productive and a marked improvement on wild spawn, either French or English. Brick 45 cts., postpaid, 5 bricks, \$2.00 express; 10 bricks, \$2.75; 25 bricks, \$6.50. Brick will spawn 10 square feet.

Northern Grown Seed Potatoes

All our potatoes are grown especially for us in the best seed potato producing sections of the North—the best selected seed stock obtainable. Seed specialists agree that northern grown potatoes will stand more unfavorable weather and mature earlier crops than southern stock.

Healthy and Vigorous Seed Makes Profitable Yields. To the selection of seed potatoes we have given a great deal of time and attention, and feel sure we are in a position to properly advise our customers as to the best varieties to plant. We do not list or recommend a new variety until it has been field tested and the new strain demonstrated to our satisfaction that it will make a profitable yield, and is of superior quality.

A CHANGE OF SEED from one soil to another often doubles the yield, and improves the quality of the potatoes. Don't plant that old worn out seed any longer, but get something new and salable.



IMPROVED EARLY OHIO POTATO

Improved Early Ohio. The old reliable Early Ohio. Not run out seed but clean pure stock of a high yielding strain. This variety can always be depended on in almost every locality, and is grown throughout the country where an early variety is desired. Tubers of light pink color and white flesh.
(Write for our potato price list before ordering.)

EARLY SIX WEEKS. Another very early and fine quality potato. For those wanting a strain for early home and market use we urge a planting of the Early Six Weeks. The tubers are medium to large in size, oval shape, reddish color with shallow eyes. A very good keeper. We advise early orders while our stock is complete if you desire this variety. (Write for our price list.)

EARLY ROSE. The good qualities of this potato will always make it a favorite for an early variety. For quality and size the Early Rose is hard to beat and we can supply choice seed of this standard potato.
(Write for our price list.)

BLISS TRIUMPH. This variety is the first to come on the market from the southern growers who only plant northern grown seed such as we have. The tuber is round, medium size, reddish pink color. (Get our price list before ordering.)

What Is Certified Seed?

The word certified is more than an adjective when we use it. It means that the seed stock has been inspected in the field, and in the bin by state experts and certified by them to be true to type, free from disease, unmixed and otherwise just as it should be.

Write for Seed Potato Price List.

GOOD REASONS why you should purchase "Holco" Pure-Bred Seed Potatoes.

- (1) They are northern grown and quick maturing.
- (2) They are grown on potato Soil, and free from blight.
- (3) They are free from disease and variety mixture, giving larger yields and uniform maturities.
- (4) They are "Hill Selected" or certified.

Eureka Extra Early. An extremely early and quick maturing variety. A heavy cropper of big white potatoes. We can especially recommend this new variety as being one of the best of the new introductions. It seldom fails to produce the largest crop of extra early potatoes. The plant is dwarf and compact and very resistant to blight. Tubers are round, white and of unsurpassed quality.

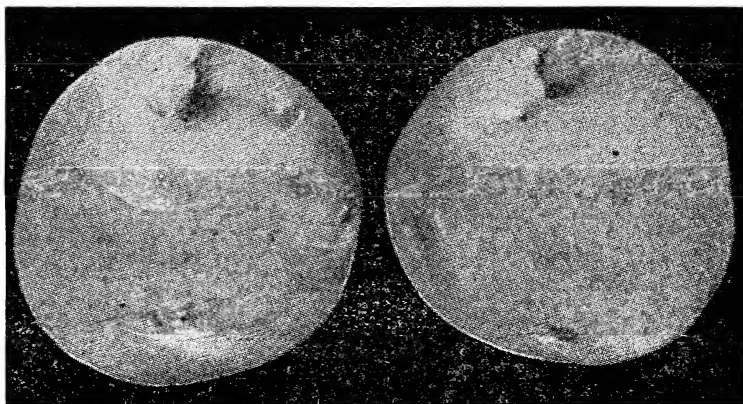
We have yet to hear a single complaint as to this variety and advise a trial of the Eureka by every one who wants an extra early crop.
(write for prices)

Irish Cobbler. This world famous potato always commands a high price. It is creamy white, nearly round in shape, and very even in size. Ripens very evenly. A little later than Ohio, but a heavier yielder. Very close planting is possible because of the upright vine growth. This stock is far above the ordinary run, and we are very fortunate to be able to offer such excellent quality.
(Write for our potato price list.)

Frank Vosmik, Geauga Co., Ohio. I had the Early Eureka Potatoes last year, and never before saw such a wonderful early potato. I would feel lost in my gardening if I could not get the Early Eureka's; it is the finest early large potato I ever saw.

Chas. A. Miller, Tuscarawas Co., Ohio. I bought the Early Ohio Potatoes from you for the last three years, and they are the best potato we ever had.

ORDER EARLY—We do not hesitate to advise our customers to place their orders early as good seed stock will be sure to be higher at planting time, and those who order early while present stock is unsold will be sure to get choice stock and pure seed.



IRISH COBBLER POTATOES

Saving a few cents a bushel on seed, at the expense of quality, is not economy

Northern Grown Seed Potatoes

Our Seed Potatoes are always sold by weight. By a bushel we always mean 60 pounds, and a sack means 2½ bushels or 150 pounds net. Plant 10 to 12 bushels per acre.

Genuine Certified Russets. Grown for us by our Michigan Farmer from Pure Inspected Certified seed. His crop has yielded 400 bushels or more of Certified seed per acre. Absolutely free from scab or disease.

The Russet potato is a gorgeous grower, completely covering the ground. Vines are dark green, erect and branching; blossoms purple; tubers round to oblong in shape, of good size with pure white flesh, with a finely russet netted skin. Eyes very shallow. Table quality equal to the best. Our customers have written us that they have outyielded all other sorts, and were blight-proof, while other sorts were blighted and died in adjoining fields. We recommend to you the Russets for planting in clay and clay loam soil. Our stock is choice, medium size tubers.

(Write for price list.)

GREEN MOUNTAIN. Medium late in season. Especially adapted for Northern States. Gives big crops, not alone because of productiveness but because compact vines allow close planting and cultivation. Potatoes in a hill always large and well shaped. Skin creamy white, a little russeted—and fine quality for cooking. Flesh white and flaky. Shallow eyes prevent waste. Potatoes are flattened (easy to cook) and round to oblong in shape. *(Write for potato price list.)*

The quality of the Seed you plant will be making your farm success or failure months after the cost is forgotten.

CARMAN NO. 3. A round white potato of the Rural type and closely resembling it in yield and quality. The Carman is a heavy yielder and good table potato. We have clean, pure stock, all northern grown. *(Write for current price list.)*

Rural New Yorker. The standard late and main crop potato for all sections, Always a reliable variety for the main crop and a heavy yielder. Tubers are round and oval in size, skin white. One of the best and longest keepers. Pure Northern Grown Seed. *(Write for price list.)*



Field Potatoes like these can be produced by planting our Pure Bred Northern Grown Seed.

Seed Sweet Potatoes

We can supply you from our grower in the great sweet potato belt the choicest and best of seed.

NANCY HALL, also Southern Yams. *(Write for price list on bushel hamper.)*

Sweet Potato Plants

For the best, early extra fine strain of Sweet Potato Plants, let us fill your order for any quantity desired. Ready about May 1st.

100 for \$1.00, 1,000 for \$6.00, postpaid. Prices quoted on larger quantities.

Save Your Potato Crop

For Bugs—Use either Arsenate of Lead, or Calcium Arsenate. One-two lbs. in 50 gal. water.

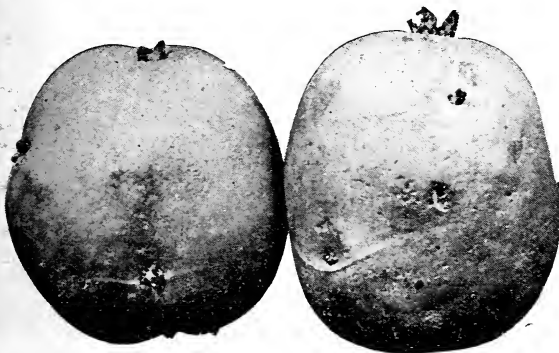
For Blight—The Bordeaux Mixture or copper solution is the only preventive. Apply early and often. Follow directions on package.

For Bugs and Blight—We usually spray for both in one operation by adding the Arsenical Poison to the Bordeaux Mixture. Pyrox is ready mixed, and very effective. Follow directions on container.

Flea Beetles—The small black bugs which eat small holes in the foliage. Can be controlled by spraying often with Bordeaux Mixture.

Leaf Hoppers—For these small green aphid or plant lice we use "Black Leaf 40" mixed about one-third stronger than directions. Can be used separate or added to other spray solutions.

Success from spraying depends on spraying early, using plenty of material, and using a good pump which produces a fine mist spray.

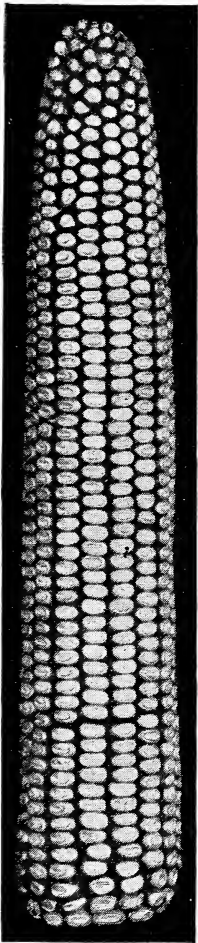


RURAL NEW YORKER POTATOES

Reliable Northern Grown Varieties of Seed Corn

It Pays to Plant Tested and Acclimated Seed

As growers of seed corn, we are in a position to furnish you with seed corn that we know to be right in every particular. We know what our seed does on our own farms and that it is grown right, selected carefully, cured properly and graded as you would want it. The vitality of our seed corn is strong and vigorous, and you can depend upon our test as being accurate and reliable. If you are in doubt as to the variety best suited to your needs, we want you to feel free to write us for further information and samples of kernels of inspection or test.



BERGER'S EARLY ORANGE DENT

ditions in 90 to 100 days. Has a strong root growth, which holds it up well during wind storms. The stalks grow to a height of 7 to 8 ft. Ears average 8 to 9½ in. Cob very thin, often producing two large ears to a stalk; the large grains are of a bright, golden yellow. Is a splendid yielder on light soils, while on rich, fertile soils it is a wonderful cropper. "Holco" Sure-Crop will grow and produce its crop in any corn-growing state in the Union. (Write for price list on Seed Corn before buying.)

PATTON'S IMPROVED LEAMING. This was grown from original seed purchased from J. S. Leaming of Ohio, and for thirty-eight years has been grown on the Patton farm in Lawrence Co., Pa., in that time becoming well acclimated. It reaches maturity in from 90 to 100 days producing a large ear with deep broad grains. Patton's Improved Leaming grows a very leafy fodder, making it one of the best varieties for the silo. In a good season, this has yielded 75 bushels of shelled corn to the acre. (Write for corn price list.)

WHITE CAP YELLOW DENT. This is a popular early variety, and one of the most satisfactory sorts to raise. Succeeds on almost any kind of soil and is a heavy yielder. Ears are about 9 inches long and deep grained. Matures in 85 to 95 days. (Write for our price list.)

LONGFELLOW FLINT. A large, eight-rowed yellow Flint sort. Adapted for the northern states. Write for corn price list.

Berger's Early Orange Dent This corn is strictly northern Ohio bred, fixed as to type; was originated and introduced in northern Ohio, therefore, making it one of the earliest Yellow Dent Field Corns in cultivation. In a normal season this corn should mature in 90 days. Grows strong, hardy fodder, 7 to 10 feet high. Ears contain 14 to 18 rows of good long grains, on a beautiful red cob. It has an orange color of its own that cannot be taken away from it. Anyone who has seen this corn on the ear or shelled, say it is the finest yellow corn they have ever seen. We certainly urge our farmer friends to give this variety a thorough trial, for we are fully convinced that it is one of the very best early sorts, and one that we feel will give entire satisfaction. (Write for our price list).

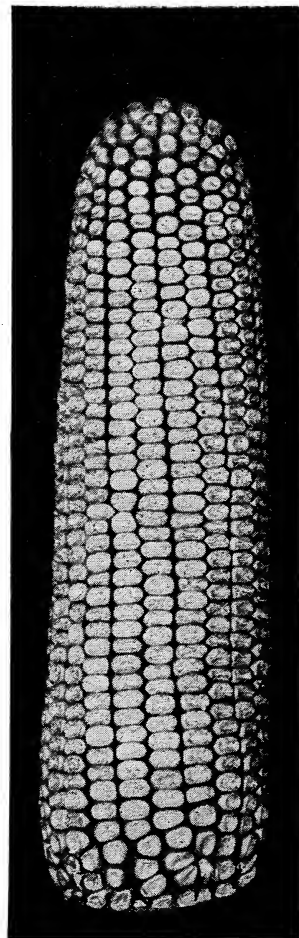
Ohio Improved Clarage Last year Mr. Ira Marshall of Harding Co., Ohio, broke the world's record with a crop of 1600 bushels of air-dry shelled corn on ten acres. This corn originated in Ohio and has scored a wonderful success with farmers here. OHIO IMPROVED CLARAGE produces an immense amount of shelled corn to the acre, on account of its unusually deep kernel. It is medium early, maturing in about 100 days. The stalks are of medium size, ears from 7 to 9 inches long, grains wide and very deep on a small cob. The color is a beautiful golden yellow, and the ears are filled to the very tip. Even when the season is late, IMPROVED CLARAGE matures perfectly. The seed we offer is grown from registered seed in the north-central part of Ohio, is carefully selected, and true to type. (Write for prices).

Woodburn's Yellow Dent. This variety was developed by Mr. J. D. Woodburn of Ohio. It is medium throughout; size of ear, size of stalk, and length of maturity. Woodburn's Yellow Dent has a fairly wide kernel, well set on the ear; very deep orange color. Its yielding ability is excellent. One of the features of this variety is its shelling percentage, on account of its large yield of shelled corn per acre.

It will cost you about thirty to thirty-five cents per acre more to use good tested Woodburn's Seed than ordinary seed at feed prices. We can state that it will produce twenty-five to thirty bushels per acre more than the average seed in Ohio. You, as a careful business farmer, can not afford to plant anything but the best seed you can procure. (Write for seed corn price list.)

"Holco" Sure-Crop is an ideal early Yellow Dent Corn, and we do not hesitate to say that it will be one of our leading corns. Matures under favorable weather con-

ditions. Has a strong root growth, which holds it up well during wind storms. The stalks grow to a height of 7 to 8 ft. Ears average 8 to 9½ in. Cob very thin, often producing two large ears to a stalk; the large grains are of a bright, golden yellow. Is a splendid yielder on light soils, while on rich, fertile soils it is a wonderful cropper. "Holco" Sure-Crop will grow and produce its crop in any corn-growing state in the Union. (Write for price list on Seed Corn before buying.)



OHIO IMPROVED CLARAGE CORN

"Holco" Famous Tested Ensilage Corns

None Better—They Grow

"Holco" Big Golden Ensilage

"Holco" Big Golden is the Corn to grow for leaves and ears. Cut your feed bill by growing "Holco" Big Golden Ensilage.

The stalks grow to a height of from 12 to 15 feet and produce good sized ears; the foliage is extra heavy. The ears are immense in size, 10 to 12 in. in length, with 18 to 22 rows of long, large kernels. "Holco" Golden Ensilage will give better returns on poor or light soil than almost any other sort. Our seed is grown in Pennsylvania; therefore, earlier than the Southern grown Ensilage. In tonnage, it ranks with any of the Southern white Ensilage. We have received the most glowing reports as to its tonnage since we introduced this corn two years ago. "Holco" Golden Ensilage is highly bred and no business farmer who has a silo can afford to not give this wonder corn a trial. (Write for price list.)

J. G. Wolf, Ohio. I had your "Holco" Big Golden Ensilage last year and had a wonderful crop. I husked 500 baskets of corn and filled a silo 10 x 30' from six acres. It purely is good seed. My neighbors say I had the best ensilage in this section of the country.

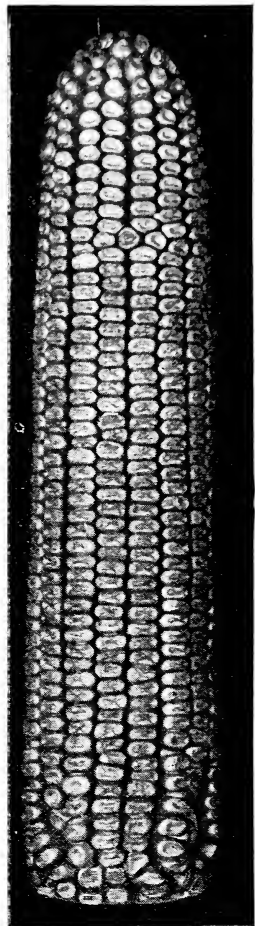
M. C. Halliday, Latah Co., Idaho. I am very much pleased with the "Holco" Big Golden Ensilage Corn. Have nearly a perfect stand—very few hills missing. The corn is 8 feet high and over.

Claude E. Ewart, Summit Co., O. The "Holco" Big Golden Ensilage Corn which I purchased from you germinated well; should judge about 90%. It looks fine.

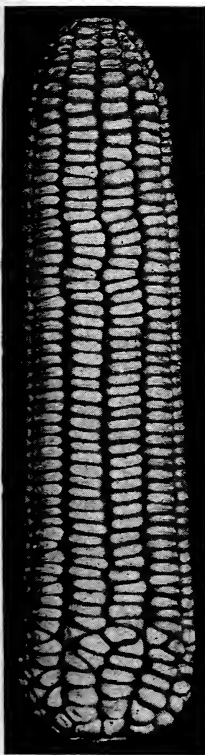
E. A. Williams & Son, Morgan Co., Missouri. I am well pleased with the "Holco" Big Golden Ensilage Corn. We have secured a good crop from same.

A. E. Wisler, Columbiana Co., O. I had a stand of about 90% from the "Holco" Big Golden Ensilage Corn which I purchased from you. The corn today has a good growth and very good, heavy foliage. I am very well satisfied with it.

"Holco" Ensilage Earliest — Grows Tall—Leafy—Full Eared. Originated in the Blue Ridge Mountains of Virginia. It is the result of careful selection for many years of corn grown at a very high altitude. This selection was made with a view of getting more foliage and the earliest largest yielding ensilage corn. On account of its being grown at a high altitude and away from other varieties, it is earlier than other Southern Grown Ensilage. Our "Holco" Ensilage grows very tall, attains a height of 14-16 feet on good soil. It is also very prolific, producing many large ears, and makes the heaviest and thickest fodder of any early Southern Ensilage. In our opinion and in the opinion of those who grew it the past few years, it is the best and most productive corn any one can plant. The "Holco" Ensilage" is grown especially for us, selected and cured, and we know it is of highest germination, strong and vigorous. Be sure and try this corn if you want one of the best. (Write for prices before ordering.)



"HOLCO" BIG GOLDEN ENSILAGE



"HOLCO" ENSILAGE

"Holco" ENSILAGE is also known as Blue Ridge Ensilage.

M. B. Hostetter, Tuscarawas Co., Ohio. I saw some of your Holco Ensilage Corn, which was certainly fine and first-class.

H. D. Stine, Wayne Co., O. The "Holco" Ensilage" corn that I got from you last spring was the talk of the neighborhood. Some got to be 14 feet high and was ripe enough for seed September 15. I expect to buy some more this spring. Your seeds are always good.

Lancaster County Sure Crop. This corn originated, was developed and bred to its present perfection in Lancaster County, Penna.

It has proved its adaptability in every corn-growing section in the country. It is rich in protein; husks easily; grows quite tall and leafy; withstands drouth and develops corn well to the north; is a very heavy yielder, and matures in 100 to 105 days. It actually thrives on thin soil and will produce a crop even in poor growing seasons. You will make no mistake in growing Lancaster County Sure Crop for silo or husking. (Write for prices)

Old Virginia Ensilage.

Is one of the most popular and satisfactory of all ensilage corn. Grows to a large size, is very leafy and well adapted for ensilage. There is no corn more difficult to cure or keep properly. Our stock is carefully selected and dried. We can assure you high germination. (Write for prices.)

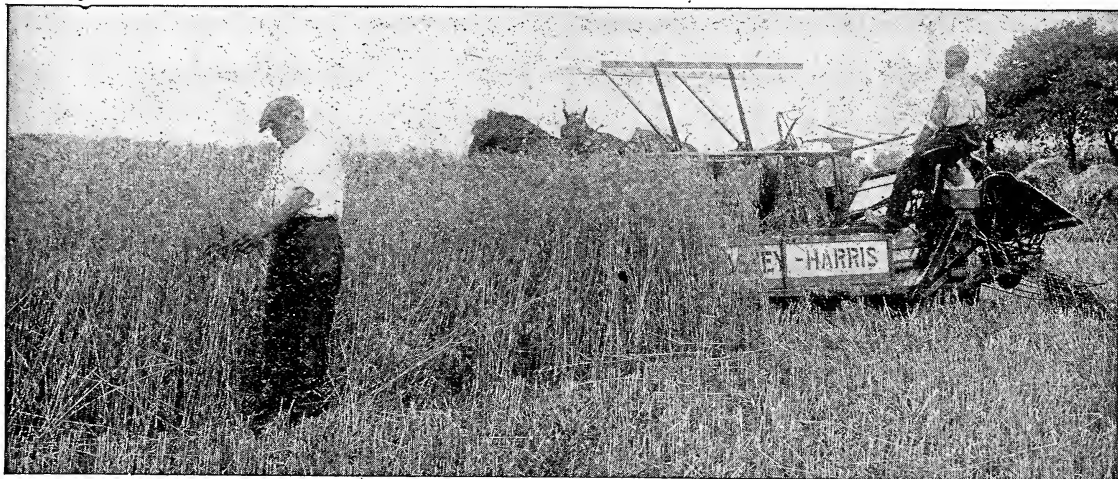
Van J. Morris, Columbiana Co., O. I never had any corn that was more satisfactory in every way than your Old Virginia Ensilage. It is of fair height with large ears. It was the best graded seed I ever planted, and did not have to replant any.

Eureka Ensilage Grows very tall, leafy, one of the most productive, both in growth of fodder and grain of many of the standard varieties. Originated in Virginia and our stock is grown there. We can assure you corn of strong germination. (Write for price list.)

SWEET FODDER CORN. Best for cutting and feeding green during the summer months. It is so very sweet and nutritious that cattle will eat every part of the stalk. Drill thickly, in rows 3 feet apart, using 1½ bu. of seed to the acre. (Write for prices on Seed Corn.)

Holco Northern Grown Farm Seeds

Unsurpassed in excellency. We cannot emphasize too strongly the sterling value of **HOLCO SEEDS**. No standard set by law, no competition, has ever affected the Holmes Letherman policy of selling only the choicest strains of seeds. "*Holco Brand Seeds*" are especially selected from clean farms and re-cleaned for seed stock. No care is spared to keep up the Holmes-Letherman standard of excellency, of which there is no higher. When we say they are "Best by Test," we are only stating what has been conclusively proven by their past performances.



This photograph shows a field of our Victory Seed Oats. Is it any wonder that this produces eighty to eighty-five bushels here in Ohio? Note the height of stalk.

Seed Oats

There is no crop which comes nearer being raised at a loss than oats, if a good clean high yielding sort is not sown. Oats should be sown early in the spring. Seed by drill or broadcast, using 64 to 96 lbs. per acre. Bushel, 32 lbs.

Victory. This has been grown very successfully in Ohio. It is a branching or tree Oat with a white hull, which is fairly thin. The straw is medium fine, but very strong. It ripens early, and is an enormous yielder. **Victory Oat** combines quality of grain with yield, strength of straw, and adaptability to a wide range of conditions. Succeeds where other kinds fail. The straw is very strong, and stands a great deal of bad weather before lodging. (*Write for our current price list before ordering.*)

Swedish Select. An excellent "Tree Type" sort, very popular oat. Has a large white plump kernel and spreading head. Wonderful, root development, and a tremendous yielder; early maturing; uniform ripening. Recommended for light soils. The **Swedish Select** we offer is bright and plump—germination very good. If you like a "tree Type" oat, this is the variety. (*Write for current Farm Seed Price List.*)

Improved White Russian. A genuine "side type" or "horseman" Oats that yields well on heavy or on thin soil. **Improved White Russian** has stood the test in Ohio, Pennsylvania, New York and nearly all states for yield and quality. It is not uncommon to yield 85 to 100, bushels to the acre. A mid-season sort with strong stiff straw that stands up until cut and resists rust remarkably well. Hull is very thin, practically all kernel. This makes for an oat of great feeding value. This seed is northern grown. Try "**Improved White Russian**" (*Write for current Farm Seed Price List.*)

Buckwheat

JAPANESE BUCKWHEAT is an early variety which can be sown farther north than other strains. Seed is very large and a heavy producer. (*Write for lowest prices.*)

Broom Corn

IMPROVED EVERGREEN. The best variety for broom. Brush long and straight; bright green color. Highest quality of seed. Drill 15 lbs. seed per acre and cultivate. Bu. 45 lbs. (*Write for lowest prices.*)

Canada Field Peas

One of the best hay and soiling crops. Usually sown with oats, which makes a rich, nutritious hay. Splendid to cut and feed green. Sow 60-90 pounds of peas to 64 pounds of oats early in the spring. 60 lbs. per bushel. (*Write for lowest prices.*)

Flax Seed

We offer good, clean and healthy seed of this variety at a very reasonable price. Cleaning Flax so as to make it suitable for seed is an expensive operation, requiring special machinery, and often involves considerable waste. 56 lbs. per bushel. (*Write for prices before buying.*)

Millet

Splendid crops for hay or soiling. Can be sown both in spring or in early summer as catch crops. They thrive best on fertile soil. Sow 40-50 lbs. per acre. 50 lb. per bu. **GOLDEN MILLET.** An early variety noted for its large heads. Will produce an enormous crop and when young, makes excellent pasture. (*Write for prices.*)

HUNGARIAN MILLET. Preferred for hay on account of its abundant leaves. Very quick grower and can be sown late.

JAPANESE MILLET OR BILLION DOLLAR GRASS. Used for both a green fodder crop and for hay. Will grow 6-8 feet high and does best on moist soils. Makes enormous yields. Only 12-15 lbs. seed required per acre. 32 lbs. per bushel. (*Write for prices.*)

It is impossible to give firm prices on CLOVERS, GRASSES AND SEED GRAIN at the time this Catalogue goes to press. If interested send for our SPECIAL Farm Seed PRICE LIST.

Wisconsin Pedigree Barley

The World's Champion Bearded Barley

Barley is nearly equal to Corn for feed and costs a great deal less in time and labor to raise

This is the highest yielding variety of barley grown and is the result of 20 years breeding and selection at the Wisconsin Agricultural Experiment Station. Our seed is pedigree stock and will outyield the common varieties 10-20 bu. per acre. It ripens uniformly and is noted for its stiff straw and plump kernels. This Pedigree Bearded Barley has been used with splendid results by the farmers of Minnesota and Wisconsin where a rich feed is desired for their dairy cattle. Barley needs a good fertile soil, clay or loam, for best results. It is seeded just after oats, as early in the spring as possible. If drilled use $1\frac{1}{2}$ to $1\frac{3}{4}$ bushels per acre. 48 lbs. per bushel. (Write early for a price list on this Pedigree Barley.)

Rye

ROSEN WINTER RYE. This variety is considered the hardiest and heaviest yielding Rye for fall planting. By actual tests we are fully convinced this variety will not winter-kill; has a heavy straw, large grains, and will yield more bushels per acre than any other Rye. Sow $1\frac{1}{4}$ to $1\frac{3}{4}$ bu. per acre. 56 lbs. per bu. (Write for our price-list).

SPRING RYE (HOLCO QUALITY). One of the best crops for light soil, as it makes a much better yield on poor soils than most any other spring sown grain. On good soils it is planted for pasture and makes an abundant early growth, and is used for this purpose by many live stock raisers. Sow $1\frac{1}{2}$ bu. per acre early in the spring. 56 lbs. per bushel. (Write for prices.)

Stock Beets and Mangels

No farmer should be without Beets and Mangels for winter feeding. The great feeding value of such crops should be understood by every one who desires to keep livestock healthy and in a good thrifty condition. A succulent feed such as is furnished by Stock Beets can be grown cheaply and abundantly on every farm. For keeping up winter egg production, beets are as necessary as other feed. See page 9 for complete list and prices.



FIELD OF PEDIGREE WISCONSIN BARLEY
Originator's Stock

Dwarf Essex Rape

The Perfect Hog and Sheep Feed

This cheap but ideal summer and fall pasture for hogs and sheep should be planted on every farm. The Ohio Experiment Station says: The dry matter of rape compares favorably with that of alfalfa or clover pasturage. An acre of rape pasture may be estimated to carry 18 to 24 full fed pigs from June until close of grazing season. Sow rape on richest and most fertile soil using 5 to 8 lbs. seed per acre if broadcasted, or 2 to 3 lbs. if drilled. Plant after April first or later. 4 or 5 pounds of sweet clover seed may be mixed with the rape with good results. (Write for price list.)

Sugar Cane or Sorghum

EARLY AMBER. The choicest variety and best for syrup. Also excellent fodder for horses, cows, hogs and sheep. This is the earliest and richest strain for northern latitudes. Our seed is clean and highest grade. Requires one bushel of seed to the acre. 50 lbs. per bushel. (Write for Farm Seed Price List.)

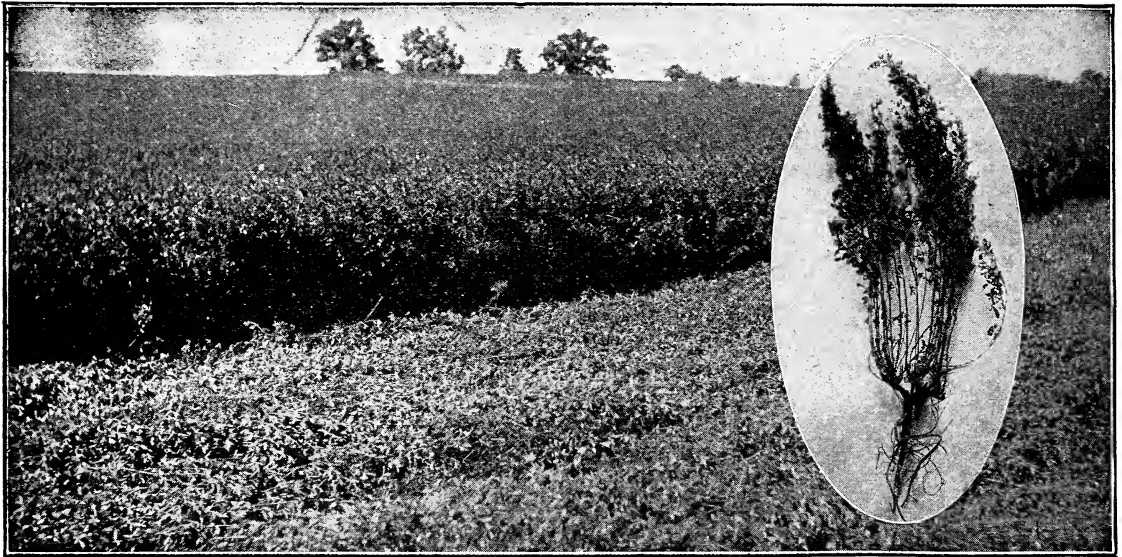
Field Pumpkins

They are excellent for feeding stock, and should be grown in every corn field.

CONNECTICUT FIELD. This is widely known as the Yankee Cow Pumpkin, and there is no variety that will do as well among the corn. Oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., 2 lbs. \$1.40, 5 lbs. \$2.95.

KING OF THE MAMMOTHS. (Jumbo). Fruit grows to enormous size, sometimes reaching 100 lbs. in weight. Salmon-orange skin. Very thick, bright yellow flesh, which is fine grained, tender. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, 2 lbs. \$2.75, 5 lbs. \$6.35.

"Holco" Northern Grown Alfalfa Seed



Why take a chance on unknown seed when you can be sure of getting **Genuine Idaho Grimm's Alfalfa Seed** that is clean, pure and of highest germination. (See Photo above.)

Grimm's Alfalfa.

We can sell you this very choice Idaho grown Grimm's Alfalfa seed for a reasonable figure because it goes direct from the producers to you. A slight increase in cost per acre for Alfalfa seed that will stand over will pay you in the end, as the one to three dollars saved in the original cost is lost many times over through winter killing resulting from the seeding of tender strains or varieties of Alfalfa thus lessening the hay yields. *(Write for prices.)*

Blackfoot Idaho Grimm (Certified)

This is the purest and best strain of Grimm's on the market, and it is absolutely reliable. The State of Idaho is back of this seed and guarantees its genuineness. This is the hardiest of all Alfalfa, and it pays to use it to insure against winter killing. *(Write for prices.)*

Canadian Variegated Alfalfa.

This strain was discovered about eighteen years ago in Welland Co., Ontario, and was found to be exceptionally hardy. It was a selection from plants that had endured fifty winters in that cold northern climate. During the winter of 1917-1918 which was probably the severest on record when fifty per cent of the winter wheat was killed and upwards of 45,000 acres of alfalfa, this strain survived and is now in the greatest demand for planting in our northern states where an exceptionally hardy alfalfa is required. In an experiment conducted by the Ontario Agricultural College, extending over a period of ten years, in which the alfalfa plants were carefully counted annually, the Canadian variegated made the highest record of all alfalfa varieties. *(Write for prices.)*

Montana Alfalfa

In the northern climates it is extremely necessary to pay particular attention to where your alfalfa seed is grown, so that you may be sure to get good hardy plants. Our genuine Montana Alfalfa is northern-grown and able to withstand the rigorous winter weather. In hardiness and productiveness it stands next to Grimm's and Canadian Variegated. Do not be deceived by appearances, as southern seed looks as good as Northern-grown, but pin your faith to a reliable Seed House that stands back of the seed it sends out. *(Write for prices)*

Essentials in Alfalfa Growing

Lime Inoculation and Good Seed spell Alfalfa Success Don't Guess—Be Sure

ALFALFA. Exceeds all other fodder plants in nutritive value, well cured alfalfa hay being equal to bran in feed values. Relished by all kinds of live stock. Makes excellent hay and usually out-yields all other hay crops. Grows rapidly and provides several cuttings a season. Alfalfa provides excellent pasture. More drouth-resistant than clover. Alfalfa is a weed enemy. Adds fertility to the soil in the form of humus and nitrogen and greatly improves its productivity. Adapted to wide range of soil and climatic conditions.

McQueen Inoculator (Dry)

The Cheapest and Easiest Way of Improving the Soil and Increasing Crops

Nitrogen is one of the most valuable fertilizers, and the cheapest way of supplying it is by growing the legumes, such as Clover, Alfalfa, Vetch, Soy Beans, etc. But these plants must be assisted by nitrogen-fixing bacteria known as inoculators. Be sure and state the kind of seed you wish to treat, as different plants require different types of bacteria.

Prices Postpaid

For Clovers and Alfalfa

½ Bu. size Inoculates 30 lbs. seed \$.50
1 Bu. size Inoculates 60 lbs. seed 1.00

Soy Beans, Vetch and Other Peas and Beans

1 Bu. Size Inoculates 60 lbs. seed \$.50
2 Bu. Size Inoculates 120 lbs. seed 1.00

Garden Size

Combination for Garden Peas, Beans, and Lima Beans and Sweet Peas \$.20

Fancy Northwestern Alfalfa.

This is nice clean seed of bright color and plump berry. Sure to grow and produce prolific crops. It is strictly new crop seed of strong germination. Being grown on high land under great extremes of temperature, is able to withstand much cold weather. *(Write for prices.)*

“Holco” Recleaned Clover Seeds

For many years, as seedsman to the best American farmers, we have given the closest attention to supplying the Highest Quality Clover and Grass Seeds. Do not be deceived by the offer of cheap seed. **Pure, Clean Seed** is not plentiful and the price will seem high as compared to seed contaminated with weeds and foreign matter. Our **Holco Quality** is acknowledged by the leading authorities to be of the highest possible grades obtainable.

RED CLOVER. Sow 8 to 10 lbs. to the acre. This is the common red clover so largely grown.

MAMMOTH OR PEA VINE. Also called Sapling. Sow 8 to 10 lbs. to the acre. This grows with a leafier stock than the medium. It yields enormous bulk.

ALSIKE OR SWEDISH. Sow 6 to 8 lbs. to the acre. Grows equally well on wet or dry soils. Very hardy.

CRIMSON OR SCARLET. Sow 10 to 15 lbs. to the acre. Excellent for green manure and cover crop. Fine for hay if cut when in blossom.

WHITE DUTCH. Sow 3 lbs. per acre with other grasses. Best for permanent pastures and lawns.

“Holco” Recleaned Grass Seeds

TIMOTHY (Phleum Pratense). Good seed is important for high yields and clean fields. The seed we offer any farmer would be proud to sow. Don't buy Timothy Seed just because you can get it cheap. Sow 5 to 10 pounds per acre. Sown in Spring with clover 1 bu. to 6 acres. 45 lbs. per bushel. (Write for our price list before buying.)

KENTUCKY BLUE GRASS (Poa Pratensis). For pasture and lawn it is unequalled. We do not handle cheap light seed full of chaff and weeds. The standard weight per bushel is 14 lbs. but our **Pure Recleaned Seed** runs 21-25 lbs. per bu. Sow 15 to 20 pounds per acre. (Write for our price list.)

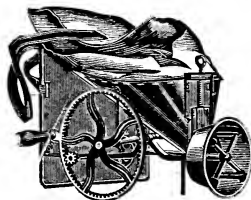
RED TOP (Agrostis Vulgaris). A wonderful grass to sow for hay and pasture. Does especially well on moist soils. We have the cleanest and purest seed obtainable. Sow 12-15 lbs. per acre. 32 lbs. per bu. (Write for our price list.)

CANADIAN BLUE GRASS (Poa Compressa). Is an excellent grass for dry, sandy, thin soils and banks. Sow 15 to 20 lbs. to the acre. 14 lbs. per bu. (Write for our price list.)

ORCHARD GRASS (Dactylis Glomerata). Does well in shady places and is splendid for pasture mixtures. Grows quickly. Sow 20-25 lbs. per acre. 14 lbs. per bu. (Write for prices.)

Cahoon's Improved Broadcast Seed Sower

Will sow all kinds of grass and grain seeds from 4 to 8 acres per hour at a common walking gait. Heavy seeds such as wheat, it will throw 40 ft. (20 each side of the operator); lighter seeds, of course will not be thrown so far.



CAHOON SEEDER\$ 4.75
CYCLONE SEEDER, very handy sower\$ 2.00



Planted Middle of July—SUDAN GRASS On Baird Bros. Farm, Stark County, Ohio

Sweet Clover

Sweet clover improves soil and is no longer considered a weed. It furnishes a large amount of protein pasture or hay per acre, which is relished by all classes of stock. It is the most hardy legume for dry land farmers.

It must be planted early, on a firm seed bed full of moisture and should be planted about an inch deep. 12 to 15 pounds of seed per acre is sufficient if good seed is used.

Sweet clover can be pastured after it is 5 or 6 inches high. For hay it should be cut before it blossoms and should be cut high.

Sudan Grass

The Most Prolific Hay Crop Grown. Will Raise Two Crops in a Season. Grows Most Feed in Shortest Time

Two crops of the Sudan Grass can be harvested if seed is planted about corn planting time. It should not be sown earlier, as it requires a warm soil to give it the right start. The second crop is generally better than the first, for the plant stools wonderfully and gives a finer quality of hay. Sudan Grass is an annual and does not live over winter, so must be planted every year.

Sudan Grass can be sown either broadcast or planted with a drill. On light soils or in dry sections, drilling in rows 18-36 in. apart and given a few cultivations prove best. Sown in this manner, it will take 5-10 lbs. seed per acre. On fairly fertile soils sow broadcast or drill solid 15-25 lbs. (Write for prices.)

Soiltex

Does Your Soil Need Lime?
For Lawns, Golf Courses, Vegetable and Flower Gardens.

SOILTEX Tells What Your Soil Needs

With Soiltex, a new quick, easy and accurate soil testing method developed at the Michigan State Agricultural College, you can determine exactly in a few minutes whether your soil is acid, and how much lime it needs. Each outfit will make 75 to 100 tests. Full directions, color chart and lime table included. No special knowledge or equipment required. Costs less than 2 cents per sample tested. Soiltex will save you money.

Pocket-size Soil Testing Outfit, with color chart and lime table, **postpaid**\$1.00

Owing to MARKET CONDITIONS it is impossible to give firm prices on CLOVERS, GRASSES, AND SEED GRAIN at the time this Catalogue goes to Press. If interested, send for our **SPECIAL FARM SEED PRICE LIST**

SOY BEAN
FIELD
and
INOCULATED
PLANT SHOWING
LARGE NODULES
ON THE ROOTS



GOOD
INOCULATION
Worth \$8 an Acre to
Enrich Your Soil

Soy Bean Hay

Most Nutritious and Relished Forage for All Live Stock

Soy Beans are rapidly gaining in popularity in Ohio. They are annual legumes, adding nitrogen to the soil the same as clovers, making them an excellent soil improvement crop, especially on acid soils. They are useful for green manure hay or seed. As a hay crop they give an average yield of two tons per acre of high quality hay rich in protein. Equal to alfalfa in feeding value and better than clover. They are very palatable, rich in lime and readily eaten by all classes of livestock. A **GOOD SEED BED ESSENTIAL TO SUCCESS.** Plow the ground early and work it often. Sow when the ground is warm, in a mellow soil. Then plant good seed, inoculated, not too deep, and you are practically sure of success. When grown for seed, it requires 2½ pecks drilled or 5 pecks sown solid; for hay, 6 pecks per acre solid, or for silage, 4 to 6 lbs. per acre when sown with corn, 60 lbs. per bu.

Manchu. Exceeds all the other sorts in popularity in Ohio. This is due both to its yielding ability, and to its adaptability as a general-purpose variety. Manchu is an early sort, maturing in 115 days. It does not shatter. Plants are erect, and very productive. A good bean for hay, hogging-off, and for seed purposes. *(Write for prices.)*

Midwest (Hollybrook). These are exceptionally suited for planting with corn for ensilage; for hay, giving good results. An excellent sort to plant with corn for hogging down. Grows 36 to 48 inches tall; stands erect, and branches considerably. Matures in 120 days. *(Write for prices.)*

ITO SAN. An early maturing sort, used for hogging down; also for hay. *(Write for prices.)*

PEKING. Stands in the front for hay; for planting with corn for silage. Plants are bushy, and are resistant to shattering. Seed is small, flat, and black in color. *(Write for prices.)*

Wilson. A medium-sized, black seeded sort; chief use is with corn for ensilage. Has given good results for hay, but if grown alone, has a tendency to twine and lodge. *(Write for prices.)*

Cow Peas

A valuable legume for pasture, hay or improving the soil. Also splendid for soiling and silage—all stock eat it. Can be planted in spring about corn planting time. Either drill or broadcast 60 to 90 lbs. per acre, 60 lbs. per bushel.

OUR WHIPPOORWILL variety is best, a very quick grower. *(Write for our price list.)*

**BETTER SEEDS
BETTER CROPS**

Walter Williams, Ohio. A neighbor gave me some of your Tested Seeds last year, and I am anxious to obtain the same good quality seeds for my garden.

Owing to MARKET CONDITIONS it is impossible to give firm prices on CLOVER, GRASSES, AND SEED GRAIN at the time this Catalogue goes to Press. If interested, send for our FARM SEED PRICE LIST.

Winter Vetch

The Great Soil Builder and Cover Crop

This wonderful legume, Winter, Sand or Hairy Vetch is giving great results as a cover and soiling crop wherever used. Hairy Vetch is the crop to make soils fertile and keep them so. It grows well on land where clovers do not thrive, and takes the place of these useful legumes. Vetch lives over winter, making good fall and early spring pasture. It is a great crop to sow in the fall to prevent leaching of the soil and wasting of plant foods. Plowed under in the spring for corn, it will add many bushels to the yield. Vetch is usually sown in the fall from August to the last of October, mixed with fall rye which holds up the vetch plant. 20 lbs. of vetch is sown with a bushel of rye, but if a heavier stand is desired, sow 20 to 25 lbs. *(Write for our price list.)*

**THAT GUARANTEE
PROTECTS YOU**

It makes poor soil good and good soil rich.



Do you want to enrich your soil so that it will produce better crops of any kind in the future than it has done before?

Then inoculate your seed with **McQueen's Inoculator** this year. See Page 46 for Prices

"Holco" Fresh Tested Flower Seeds

In the growing and selection of our Flower Seeds, "Quality" has always been our first consideration, and we can safely recommend all seeds offered in this Catalogue as the best obtainable.

All our Flower Seeds are delivered free to any Postoffice. Our packets contain a liberal quantity of seed.

Acroclinium (Everlasting Flower)

An annual "Everlasting," growing about 15 inches high, bearing white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. Nice to grow in a mixed border.

25 Double Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Ornamental Grasses

Produce beautiful plumes for mixing with flowers when dried.

58 *Eulalia Zebrina* (Zebra Grass). Light green, barred with creamy white across foliage. Pkt. 10 cts.,

59 *Variegata*. Long, narrow, green leaves, striped with white; fine feathery plumes. Pkt. 10 cts.

60 *Stipa Pennata*. (Feather Grass). Delicate white, feathery bloom; flowering the second season. Pkt. 10 cts.

Ageratum (Floss Flower)

These are easily grown from seed and will flower freely the same season as sown. Withstands the hottest summers. Spring sown seed blooms eight to ten weeks after sowing. Splendid for carpet bedding edging or pot work.

28 *Blue Perfection*. Dwarf, large, deep blue flowers. fine foliage; fine for edging flower-beds or walks. Pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts.

30 *Little Blue Star*. A variety of exceedingly dwarf and even growth; the tiny bushes, not over 4 to 5 inches high, are densely covered with bright blue flowers; a fine variety for edging. Pkt. 25 cts.

Alyssum

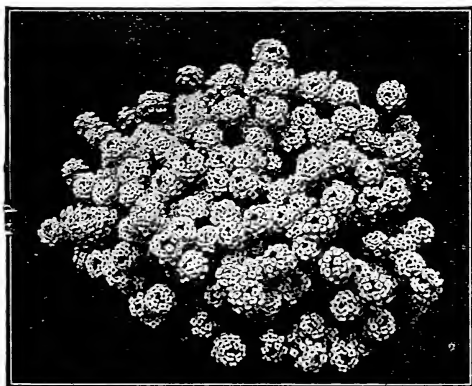
These annuals are favorites for cutting for bouquets as well as for edging, boxes and baskets. Blooms all summer if not allowed to go to seed.

34 *Lilac Queen*. Dwarf. A pretty shade of pale Lilac. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

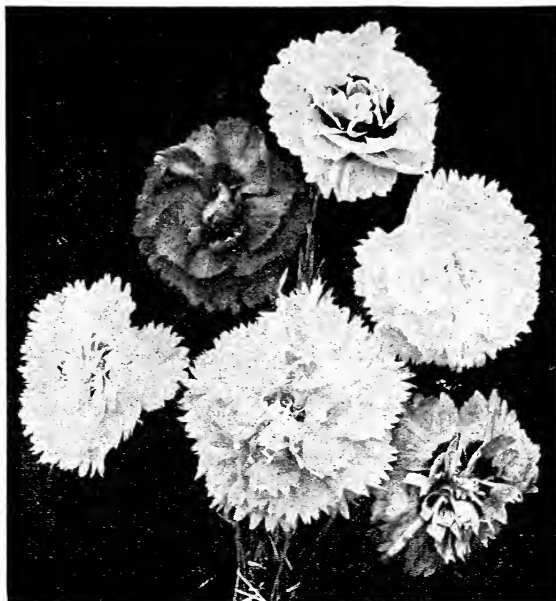
35 *Little Dorrit*. Extremely dwarf and compact, forming perfect little bushes with miniature white flowers; ideal for narrow edges. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts., oz. \$1.00.

36 *Carpet of Snow* (Little Gem). Only a few inches high; of a spreading habit. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.50, lb. \$10.00.

39 *Saxatile Compactum* (Perennial). (Basket of Gold). Showy, bright yellow flowers, hardy perennials; excellent for rockwork and edge of border. Height 1 ft. Pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts.



LITTLE DORRIT ALYSSUM
A mass of white flowers.



ALLWOODII HARDY PINKS

Allwoodii Hardy Pinks

403 The rich Carnation and the Pink were wed; we offer you the offspring of this marriage—ALL-WOODII—half carnation and half pink. Combining the gorgeously beautiful coloring of the former with the hardiness and delicious fragrance of the latter. They are easily cultivated and bloom continuously. Seed can be sown in spring and summer out of doors, and in autumn and winter under glass. While used most extensively for outdoor planting, they make excellent pot plants. No garden should be without ALL-WOODII, this fine new triumph of the English Plant Breeders. Pkt. 35 cts., 3 pkts. for \$1.00.

Amaranthus

(Annual.) Tender, decorative annuals useful for border plants, centers of beds and among shrubbery. Height, 2 to 3 in.

40 *Caudatus* (Love-Lies-Bleeding). Blood-red; drooping racemes. Pkt. 5 cts.

41 *Tricolor* (Joseph's Coat). $2\frac{1}{2}$ ft. The inner foliage is of blackest bronze, tipped with green, while the outer foliage is bright scarlet and gold. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts.

Anchusa

42 *Italica* "Dropmore" variety. A fine, large, hardy, plant; 3 to 5 feet high. This new beautiful Forget-Me-Not-like flowers being much larger than others and of a lovely Gentian blue, produced in long, loose sprays. Invaluable for the hardy border, as flowers are produced during the entire season and until late in the fall. Pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts.

Anemone (Wind Flower)

Very pleasing hardy plants for the herbaceous border. Fine large flowers. Few plants compare with them in beauty. Excellent for bouquets and table decorations. 2 to 3 ft. high.

84 *Japonica Queen Charlotte*. Semi-double pink flowers. Blooms in Sept. and Oct. Pkt. 15 cts., 2 pkts. 25 cts.

85 *Japonica Whirlwind*. Semi-double white. Sept.-Oct. Pkt. 15 cts., 2 pkts. 25 cts.

86 *Pulsati la Rubra*. Dark red with erect flowers. April-May. Pkt. 15 cts., 2 pkts. 25 cts.

Antirrhinum (Snapdragon)

(Annuals.) For gorgeous coloring, few flowers can match Snapdragons. The flowers are of very large size, very fragrant and are produced on immense long spikes. To have flowers early, sow indoors during February or March, but even if sown outdoors early in May they will bloom in July.

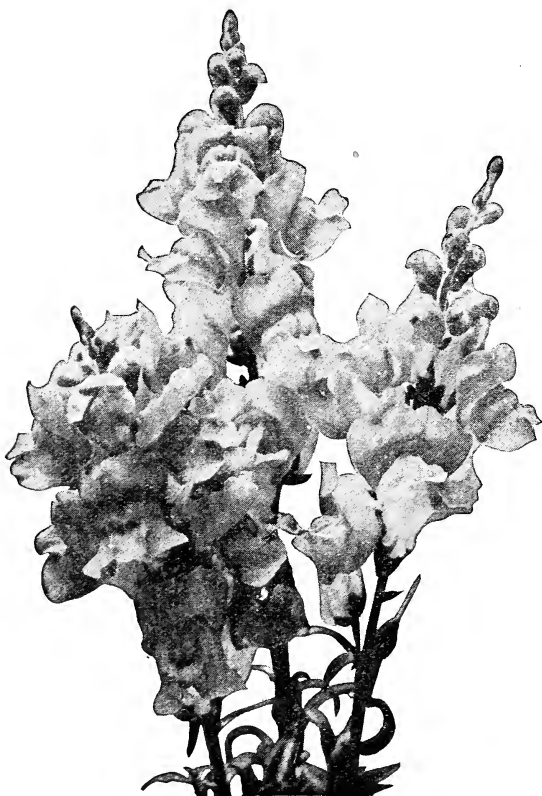
	Pkt.	
43	Crimson King. Rich crimson.....	\$0.10
44	Golden King. Rich yellow.....	.10
45	Fire King. Orange scarlet.....	.10
46	Harmony. Terra cotta, orange and rose.....	.10
49	Rose King. Silvery rose-pink.....	.10
52	Philadelphia Pink. A pure light rose-pink and one of the finest Snapdragons in existence.....	.50
55	Holco Giant Mixed. ¼ oz. 30 cts., 1 oz. \$1.15.....	.10

Antirrhinum (Snapdragon)

Semi-Tall Varieties, 18 to 20 Inch

Are particularly good for bedding, as they require no staking. The flowers are most wonderful, in many new shades and tints.

	Pkt.	
72	Empress. Rich velvety crimson.....	\$0.10
74	Gloria. Rich, deep rose-pink.....	.10
75	Golden Queen. Clear yellow.....	.10
76	Grenadier. Orange scarlet, white throat....	.10
78	Prima Donna. Rich, deep rose.....	.10
79	Purity. Pure white.....	.10
80	Silver Pink. Soft, pearly pink.....	.10
83	Holco Fine Mixed. Includes all these and many other charming varieties, and a packet will furnish you with a never-ending color combination of long stems, cut flowers, suitable for home, church, or hospital decoration..... ¼ oz. 30 cts., 1 oz. \$1.15.....	.10



SNAPDRAGON
Semi-tall variety.



Aquilegia (Columbine)

(Hardy perennial.) Our grand strain of these lovely Spring and Summer-flowering plants is unsurpassed. No hardy plant grown from seed is more easily handled than the Columbine. General favorites for borders. Will also do well under shade of trees. Among the earliest flowering perennials, easily grown. Height 1½ to 2 ft.

Imperial Hybrids Aquilegia

Unquestionably the finest strain of Aquilegia ever offered.

There is nothing finer than the Aquilegia for indoor decoration. To any one fond of color it is, par excellence, first favorite.

This strain is the concentrated work of ten years' selection and re-selecton. It is noteworthy for its very long spurs, fine form, and magnificent range of color. Among the "blues" will be found many tints of mauve, lilac, lavender, heliotrope, etc. The "reds" show almost every gradation from the palest pink to bright scarlet. A very special Novelty. Pkt. 50 cts.

- 116 **Coerulea** (Rocky Mountain Columbine). Flowers large, petals white, sepals deep blue, spurs very long. Pkt. 10 cts., ½ oz. 75 cts.
- 115 **Chrysantha** (Golden Spurred). Golden-yellow. Pkt. 10 cts. ½ oz. 50 cts.
- 118 **Long-Spurred Hybrids.** These beautiful plants, which delight in rich soil and shady position are indispensable for the garden, and for use as cut flowers, for table decoration and the adornment of the home; are admired by everyone. The colors are most lovely, ranging from pure white, pink, salmon, pale and deep blue, rose, bronze, ruby, orange, yellow and many most beautiful combinations of these shades. Pkt. 10 cts., ½ oz. 50 cts.
- 119 **Double.** All colors mixed. Pkt. 10 cts., ½ oz. 25 cts.

Arctotis (African Daisy)

122 **Grandis** (Annual). The large, pearly white Marguerite-like flowers are borne on long stems well above the foliage. The petals are white on the upper surface and pale lilac on reverse and in the center of the flower is a light blue disc surrounded with white stamens and a narrow gold band. Very good for cutting. The plant is of branching habit and forms a clump 2 to 3 ft. high. Pkt. 10 cts., ¼ oz. 25 cts.



American Asters

Are all of American origin. These are one of our leading specialties, and we have spared neither pains nor expense in bringing our strain to the highest perfection. The seed has been saved from the choicest and most perfect flowers only, and may be relied upon for splendid results. No other flower combines so much beauty with which more brilliant effects can be achieved. From July until September this flower reigns supreme in the garden. To have early flowers, sow seed in the house from March to May; otherwise sow out of doors after danger of frost is over. Asters require well pulverized soil, do not be afraid to cultivate.



PEERLESS PINK ASTER
A Beautiful Pink

Peerless Pink

3003 The magnificent flowers are of immense size; petals long and broad, averaging 4 to 5 inches across and 2½ inches in depth. The plants are of robust, free branching habit, 24 to 30 inches high. Color, a beautiful shade of pink. Excellent for cutting. Pkt. 10 cts., ¼ oz. 75 cts.

Silvery Rose

2901 A long-stemmed, large-flowering variety; each petal is a combination of deep lilac rose, almost cerise, delicately threaded with white, giving the petals a silvery sheen. Pkt. 15 cts.

California Giants

A splendid midseason to late flowering variety. The plants make a strong, upright growth, reaching a height of two feet. Flowers are large, measuring five inches in diameter, with beautifully curled petals. Their immense size and charming shades, as well as their long stems, make them very attractive.

- 4010 Peach Blossom 4012 Deep Rose
- 4011 Light Blue 4013 Dark Purple

A packet of any one of the above, 15 cts., 1 packet of each of the four shades, 50 cts.

Six American Asters for 50 cts.

This splendid collection is made up of the leaders in their respective class and color. They represent the highest development in Asters, and will give entire satisfaction. We will mail one packet of each of these six giant Asters for 50 cts.

- Royal Rose Violet King Heart of France
- Royal Purple Purity Peerless Pink

When ordering ask for our Leaflet on Aster Culture.

Heart of France

3001 The flowers are large and full to the center. The plants are of branching habit, bearing in September their large, rich, deep ruby-red flowers on long, strong stems, and retain their brilliancy and luster longer than almost any other color. Pkt. 10 cts., ¼ oz. 75 cts.

Lavender Gem

3002 One of the most beautiful Asters; very attractive feathery flowers, loosely arranged on long, wiry stems and of the most charming shade of lavender. Begins blooming in July, continuing through August. A popular variety for cutting. Pkt. 10 cts., ¼ oz. 60 cts.

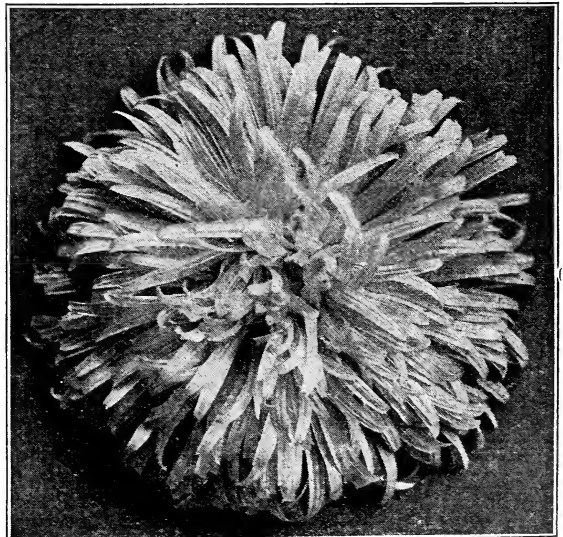
Red "Sensation"

3004 Very double flowers of a brilliant cardinal shade. The plant is of branching habit, attaining a height of 18 to 24 inches, and the flowers are borne freely on long stems from early in August until the close of September. Very showy in beds or borders, and excellent for cutting, due to its intense color. Pkt. 10 cts., ¼ oz. 60 cts.

King Asters

A class of Asters, distinct from all others in the character of the flower. The long, narrow petals are folded lengthwise, appearing almost as though quilled. The flowers are of great size and substance and last longer when cut than those of almost any other class.

	¼ oz.	Pkt.
3027 Pink King	\$0.50	\$0.10
3028 Rose King .....	.50	.10
3030 Violet King .....	.50	.10
3032 White King .....	.50	.10
3033 Mixed King. All shades.....	.45	.10



CALIFORNIA GIANT ASTER
Ostrich Feather type of flower

Early Beauty Asters

These come into bloom at the time the Royal Asters leave off. They have a strong upright growth. The flowers are of enormous size, round and fully double. Early Beauty Asters should be in every flower garden.

	1/4 oz.	Pkt.
3005 White Beauty.....	\$1.00	\$0.10
3006 Lavender Beauty.....	1.00	.10
3007 Purple Beauty.....	1.00	.10
3008 Rose Beauty.....	1.00	.10
3009 September Beauty. Delicate pink	1.00	.10
3010 American Beauty. Rosy-carmine	1.00	.10
3011 Beauty Mixed. All shades.....	.90	.10

Collection of a packet each of the above six colors, 50 cts.

Early Royal Asters

An early flowering form of our Semple's Branching variety, coming into bloom in July or early August, and lasting for a long time. Their long-stemmed flowers are ideal for cutting.

	1/4 oz.	Pkt.
3012 Royal White.....	\$0.50	\$0.10
3013 Royal Shell Pink.....	.50	.10
3015 Royal Rose Pink.....	.50	.10
3017 Royal Lavender.....	.50	.10
3018 Royal Purple.....	.50	.10
3020 Royal Mixed. All shades.....	.45	.10

Semple's Branching Asters

The plants form strong, branching bushes 2 to 2 1/2 feet high, bearing on long, strong stems flowers which under ordinary cultivation, average 5 inches across. They come into bloom during September, and all things considered, are the most valuable of all Asters, either for cutting or for bedding.

	1/4 oz.	Pkt.
3042 Crimson.....	\$0.50	\$0.10
3044 Lavender.....	.50	.10
3045 Purple.....	.50	.10
3046 Rose-Pink.....	.50	.10
3047 Shell-Pink.....	.50	.10
3049 Pure White.....	.50	.10
3050 Finest Mixed. All shades.....	.45	.10



SEMPLER'S BRANCHING ASTER



EARLY BEAUTY ASTER

Crego's Giant Asters

The flowers are of immense size, usually measuring from four to five inches in diameter. The beautiful flowers are curled and twisted, resembling choice Chrysanthemums. The delightful flowers are borne in abundance from late August until the end of September.

	1/4 oz.	Pkt.
3060 Giant Pink.....	\$0.50	\$0.10
3063 Giant Purple.....	.50	.10
3064 Giant Lavender.....	.50	.10
3066 Giant Rose-Pink.....	.50	.10
3067 Giant Crimson.....	.50	.10
3068 Giant White.....	.50	.10
3070 Giant Mixed..... All shades.....	.45	.10

Inspiration Aster

2903 A new yellow Aster with magnificent double yellow flowers, borne upon long stems. The long, broad petals are curled, giving the flower the appearance of a graceful chrysanthemum. Pkt. 15 cts., 1/4 oz. \$1.00.

Astermum

A valuable variety of Aster of the Comet type, resembling Chrysanthemums on account of their size and appearance; comes into bloom in mid-season. Plants about 2 feet high, of branching habit. Flowers large, double, well-formed, held erect on strong, sturdy stems, and may be set more closely than other varieties. Each plant yields ten to fifteen blooms.

	Pkt.
3022 Lavender.....	\$0.15
3023 Rose Pink.....	.15
3024 White.....	.15
3025 Finest Mixed.....	.15

Collection, one packet each of above 3 colors, 35 cts.

Mrs. John Schiltz, Walla Walla, Washington.—"It is surely a pleasure to me to sow the seeds I get from you, because they all grow and the flower seeds I had from you last year all did so well. I had flowers till frost killed them."

Balloon Vine (*Love in a Puff*)

120 (Annual). A rapid-growing climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons. Pkt. 5 cts., oz. 25 cts.

Balsams (*Lady Slipper*)

(Annual.) An old favorite garden flower, producing gorgeous masses of beautiful brilliant-colored double flowers in the greatest profusion; of easy culture, succeeds in a good, rich soil; 2 ft. Start the seed indoors in April or sow out of doors in May. They should not be more than 18 in. apart.

125 **Double Camellia Flowered Mixed.** Finest mixed Pkt. 5 cts., ¼ oz. 25 cts.

Bean (*Runner*)

128 **Scarlet Runner** (Annual Vine). A rapid climber, flowering profusely. Grows 10 to 15 ft. high. Pkt. 5 cts., ¼ lb. 15 cts.

Brachycome (*Swan River Daisy*)

(Annual.) Grows 12 inches high; covered during the great part of the summer with pretty blue and white flowers. Suitable for edgings and beds.

148 **Mixed Sorts.** Pkt. 10 cts., ¼ oz. 35 cts.

Bellis (*Double English Daisy*)

(Hardy perennial). Will stand the winter if given the protection of a little litter. In bloom from early spring until well in the summer. Easily raised from seed, which may be sown at any time from spring till August. For best results, new plants should be raised from seed each year. They are indispensable for cool shady places.

140 **Monstrosa White.** Flowers very double; of immense size, 2 to 3 in. across and borne on long, strong stems. Pkt. 15 cts., 2 pkts. 25 cts.

141 **Monstrosa Rose.** Perfectly double flowers of enormous size. Pkt. 15 cts., 2 pkts. 25 cts.

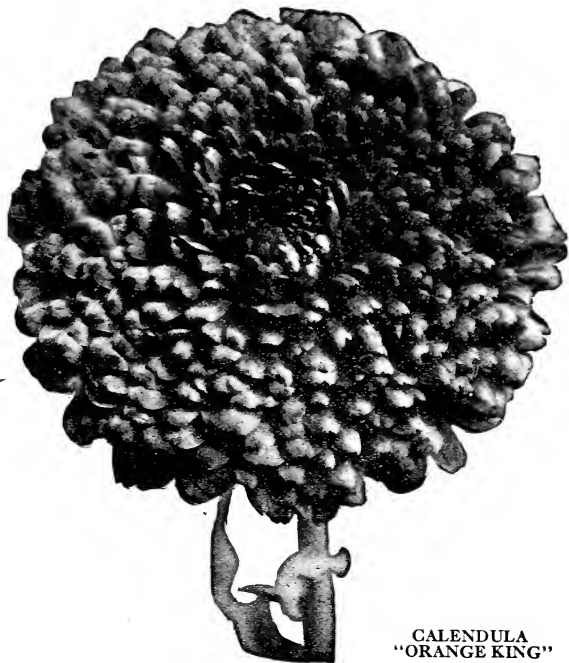
142 **Giant Longfellow.** Large, double pink flowers. Pkt. 10 cts., ⅛ oz. 50 cts.

143 **Giant Snowball.** Large, perfectly double; white. Pkt. 10 cts., ⅛ oz. 50 cts.

146 **Double Giant Mixed.** Finest mixture. Pkt. 10 cts., ⅛ oz. 50 cts.



BELLIS
(Double English Daisy)



CALENDULA
"ORANGE KING"

Calendula (*Pot Marigold*)

(Annual.) It has only been since the introduction of splendid improved types of these old-fashioned Marigolds that their value began to be appreciated. They thrive well in any good garden soil, and will stand several degrees of frost without injury. Our selection of these is exceedingly fine. The stems are long and the flowers large and quite double. Extra fine for cutting.

188 **Meteor.** Large, double, yellow striped with orange. Pkt. 5 cts., oz. 30 cts.

189 **The Ball.** Deep orange, lighter center, very double. Finest development in Calendulas. Pkt. 20 cts., ¼ oz. \$1.00.

190 **Orange King.** Very large double flowers of a dark orange-red. Pkt. 5 cts., oz. 40 cts.

191 **Lemon Queen.** Very large, double. Pleasing shade of bright yellow. Pkt. 5 cts., oz. 40 cts.

192 **Double Mixed.** All colors. Pkt. 5 cts., oz. 25 cts.

California Poppy (See *Eschscholtzia*.)

Calliopsis

(Annual.) Very attractive, free-flowering plants of the easiest culture, thriving in any ordinary soil. The new hybrids are very showy and flowers range in color from bright yellow to deep old-gold shades and from blood red to deep brown. Height 6 in. to 2½ ft.

193 **Crimson King.** Rich dark red. Pkt. 10 cts., oz. \$1.00.

194 **Bi-Color Nana.** Dwarf yellow, with garnet eye. Pkt. 5 cts., ¼ oz. 20 cts.

195 **Golden Wave.** Bright yellow flowers with brown center. Pkt. 5 cts., ¼ oz. 25 cts.

196 **Mixed.** Colors very bright and attractive. Pkt. 5 cts., ½ oz. 20 cts.

Coreopsis (See page 56.)

Canary-Bird Vine

(*Tropaeolum Canariense*)

200 A very pretty annual climber, with canary-yellow blossoms; very popular. Height, 10 ft. Pkt. 5 cts., oz. 40 cts.

(**Cardinal Climber** See page 54)



CAMPANULA
(Canterbury Bells)

Campanula or Canterbury Bells

(Hardy Biennial.) These favorite old-fashioned flowers thrive well in all sections of the country.

155 *Calycanthemum* (Cup and Saucer). Delightful in form and colors. Our strain is an exceedingly fine one. They come true to type, each blossom having its well defined cup and saucer form of bloom. Height 2 to 2½ ft. Mixed. Pkt. 10 cts., ¼ oz. 60 cts.

Medium (Single Canterbury Bell). Large, bell shaped flowers in many shades. Elegant border or pot-plants. Height 2 to 2½ ft.

	Pkt. ⅛ oz.	oz.
158 Single Blue.....	\$0.10	\$0.25
159 Single Rose.....	.10	.25
160 Single White.....	.10	.25
163 Single Mixed .....	.10	.25

169 *Pyramidalis* (Chimney Bell Flower). Stately plants with stems 4 to 5 ft. high; fine for borders or as large, decorative pot-plants; large, broad, tubular flowers. Finest mixture of blue and white. Pkt. 10 cts., ¼ oz. 50 cts.

Candytuft

(Annual.) These Candytufts are of fine habit and profuse bloomers. They soon flower from seed and remain long in beauty. For massing in flower beds and borders and for edgings they are admirably adapted, while for cutting, the flowers are greatly prized.

210 *Giant Hyacinth-Flowered White*. 1 ft. A grand border plant, bearing very large, bold spikes of snowy white flowers, habit sturdy and compact. This is an especially select stock. Pkt. 10 cts., ¼ oz. 25 cts.. oz. 75 cts.

211 *Rose Cardinal*. Brilliant deep rose-red; one of the most effective for bedding. Pkt. 10 cts., oz. 60 cts.

212 *Lavender*. Delicate shade. Pkt. 5 cts., ½ oz. 25 cts.

215 *Mixed*, all colors. Pkt. 5 cts., oz. 25 cts.

216 *Sempervirens*. A hardy variety completely covered with heads of white flowers in the Spring. Height 1 ft. Pkt. 10 cts.,

Cardinal Climber or Scarlet Queen Cypress Vine

The foliage of rich, glossy green is palm-leaf like, with laciniated or fringed edges against which the brilliant scarlet tubular flowers, 1 to 1½ inches across, contrast most vividly. It grows about 20 feet in height, is of rapid growth, free from insects and a beautiful vine for trellis, piazza or pergola, being literally bespangled with flowers from July until late fall. The seed is very hard-shelled and germinates quicker when started under glass, but if sown in the open ground the seed should first be soaked for a few hours in warm water.... Pkt. 10 cts.

Daisies (See Page 55)

Carnation (*Dianthus Caryophyllus*)

(Annual.) These will bloom the first season.

219 *Giant Marguerite* or *Malmaison*. Early flowering; seed sown in February will flower in June. Splendid mixture. 1 ft. Pkt. 10 cts., ½ oz. 25 cts.

220 *Marguerite, Half-Dwarf*. Finest double mixed. Sweet-scented and bloom from July to frost. Height 1 ft. Pkt. 10 cts., ¼ oz. 40 cts.

221 *Chaubaud's Everblooming*. Produces a high percentage of double flowers, blooming five to six months after sowing. Pkt. 25 cts.

Castor Oil Plant "RED SPIRE"

993 This plant grows about 6 ft. high with large palmetto-like leaves of bronzy green with red ribs and veins showing through. The tops are crowned with numerous spikes of flowers and seed pods 9 to 18 inches long, of a brilliant crimson. This plant has a wonderful tropical appearance, most ornamental in any position; will grow anywhere, and is absolutely insect-proof. Pkt. 10 cts., oz. 40 cts.

Celosia (*Cockscomb*)

(Annual.) Handsome and distinct. Grows 1½ feet; blooms August and September.

230 *Cristata Nana, Empress*. Enormous crimson heads, dark foliage; dwarf. Pkt. 10 cts., ½ oz. 30 cts.

231 *Cristata, Mixed*. Pkt. 10 cts., ¼ oz. 35 cts.

235 *Plumosa, Thompson's Magnifica*. A mixture of improved varieties of splendid colors. 3 ft. Pkt. 10 cts., ¼ oz. 50 cts.,

238 *Chinese Woolflower*. This is a unique type of *Celosia plumosa*, but instead of forming pyramidal panicles of bloom it forms large globular heads, like balls of wool or chenille, of a rich bright-red color. Height 2 to 3 ft.; bears numerous flower-heads. Pkt. 15 cts., ½ oz. 35 cts.



CELOSIA
Chinese Woolflower

Centaureas

(Annual.) Will grow well anywhere and as a cut-flower is much in demand.

CENTAUREA CYANUS (Cornflower or Ragged Sailor). Also known as Bachelor's Button. An old, well-known favorite. Greatly prized for cutting purposes. We call special attention to our new doubles. These varieties will produce 60 to 70 per cent of double blooms, the flowers being much larger than the old single type.

	Pkt.	¼ oz.
253 Double Blue (Bachelor's Button)...	\$0.05	\$0.25
254 Double White .....	.05	.25
255 Double Rose .....	.05	.25
256 Double Pink .....	.05	.25
258 Double Mixed .....	.05	.25

Giant Sweet Sultans (Centaurea Imperialis)

	Pkt.	¼ oz.
240 White	\$0.10	\$0.25
241 Purple .....	.10	.25
243 Rose .....	.10	.25
244 Mixed .....	.10	.25

Various Centaureas Well Worth Growing

- 245 **Suaveolens** (Yellow Sweet Sultan, or Grecian Cornflower). Very showy, large, bright yellow flowers; sweetly scented and a popular sort for cutting, lasting well. Pkt. 5 cts., ¼ oz. 25 cts.
- 248 **Gymnocarpa** (Dusty Miller). Finely cut leaves of a silvery white color. Beautiful for borders or edges. Pkt. 10 cts., ¼ oz. 25 cts.
- 250 **Candidissima** (Dusty Miller) (Cineraria). Thick, silvery white leaves—fine for bedding or borders. Pkt. 10 cts., ¼ oz. 50 cts.

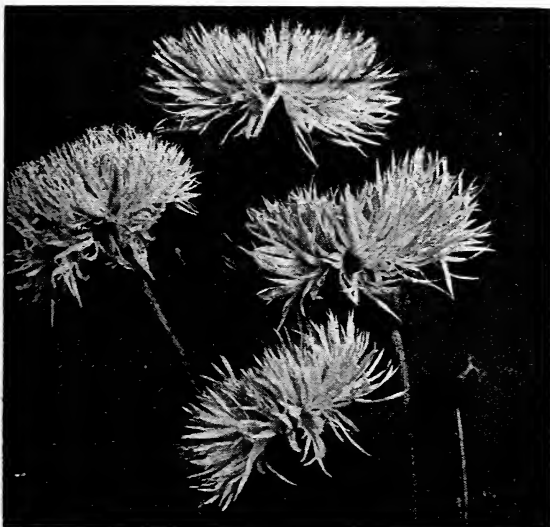
Chrysanthemums

(Annual.) Showy and effective garden favorites, extensively grown for cut flowers.

- 270 **Single Mixed** (Painted Daises). Many colors. Pkt. 5 cts., oz. 35 cts.
- 271 **Coronarum, Double Mixed**. Yellow and white etc. Pkt. 5 cts., ¼ oz. 20 cts., oz. 50 cts.

Shasta Daisies

- 359 **Alaska**. A splendid hardy perennial variety, with flowers rarely less than 5 inches across of the purest glistening white, with broad overlapping petals, and borne on long strong stems; a beautiful cut flower, remaining in good condition a week or more. Pkt. 15 cts., ¼ oz. 50 cts.



GIANT SWEET SULTANS



GIANT DOUBLE BACHELOR'S BUTTON

Cineraria

Very distinct and ornamental house plants, with magnificent heads of velvety bloom, the colors of which include white, very delicate to very dark blue, all shades of pink, carmine and crimson, with bicolors of crimson and white, blue and white, etc.

- 295 **Holco Dwarf** (Large Flowering). Our dwarf cineraria are the finest existing in shape of flowers and coloring. Remarkable for their compact habit and enormous sized blossoms. No shade predominates in the mixture. Pkt. 25 cts.

Clarkia

The Clarkia is one of the most graceful plants grown. Produces a mass of slender upright branches that reach a height of about 2 feet. The foliage is bronzy-green. It will do well in any light garden soil, either in the open or in a partially shaded place.

- 88 **Apple Blossom**. Double.
 - 89 **Brilliant**. Double salmon-scarlet.
 - 90 **Salmon-Pink**. Double salmon.
 - 91 **White Prince**. Very double pure-white.
- Each of the above, pkt. 10 cts.

Cleome

- 310 **Pungens** (Spider Plant). A showy garden annual producing curious heads of flowers of bright rose color; of easy cultivation, blooming until late; a good bee plant. Height 5 ft. Pkt. 10 cts., ¼ oz. 50 cts.

Coix Lachrymae (Job's Tears)

- 315 (Annual.) A strong, broad leaved ornamental grass, with large shining, pearly seeds. Height 2 to 3 ft. Pkt. 5 cts., oz. 10 cts.

Cobea-Scandens (Cup-and-Saucer Vine)

An elegant vine of very rapid growth which can be easily raised and flowered from seed the same season. The flowers are quite large, about three inches across. It has handsome bronzy foliage and is remarkable for its rapid growth which makes it particularly adaptable for quick work in covering fences, pergolas, etc. Highly recommended as a shade producing vine.

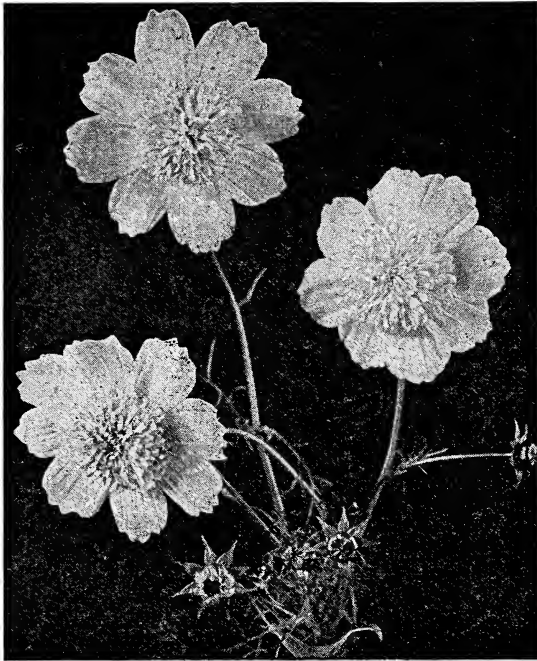
- 320 **Purple Cup and Saucer**. Pkt. 10 cts., ¼ oz. 25 cts.

Cockscomb (See Celosia)

Coleus

- 323 **Holco Large Leaved**. Popular bedding plants with beautifully colored foliage; easily grown from seed if kept in warm temperature. Finest mixed. Pkt. 25 cts.

Columbine (See Aquilegia)



DOUBLE FLOWERING COSMOS
New and pretty type

Cosmos

(Annual.) Beautiful autumn-blooming plants. Produce thousands of beautiful flowers in white, pink, and crimson shades, furnishing flowers for autumn decorations when other flowers are scarce. Should be sown in spring when danger of frost is past. Plant not less than 18 inches apart. When plants are a foot high, tops should be pinched out to induce a bushy growth.

Early Double Flowering

326	Pink Beauty	.....	Pkt.	\$0.15
327	White Queen	.....		.15
328	Crimson King	.....		.15
A packet of each color for 35 cts.				
325	Double Mixed	.....		.15

Extra-early Flowering

335	Crimson	.....	Pkt.	¼ oz.	\$0.05	\$0.25
336	Pink	.....			.05	.25
337	White	.....			.05	.25
338	Mixed	.....	oz.	.60	.05	.20

Mammoth Late

329	Pink (Lady Lenox)	.....	Pkt.	¼ oz.	\$0.05	\$0.20
330	White	.....			.05	.20
331	Crimson	.....			.05	.20
334	Mixed	.....	oz.	.50	.05	.20

Coreopsis

339 **Lanceolata Grandiflora** (Perennial). This is one of the finest of hardy plants. Grows two feet high, and blooms from June to October. Large orange yellow flowers, much prized for cutting, as they last a long time. Easily grown from seed, flowering the first year. Pkt. 10 cts., ¼ oz. 25 cts.

Cowslip (Primula Veris)

360 **Mixed**. A beautiful hardy spring-flowering perennial; flowers of different colors, such as yellow, brown-edged yellow, etc. Very fragrant; 6 inches. Pkt. 15 cts.

Cyclamen

Most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

- 340 **Binnewies' Finest Mixed**. A very fine strain with beautiful foliage and rich-colored, fragrant flowers. Per 100 seeds \$2.50; Pkt. 50 cts.
- 342 **Large-flowered Giganteum, Mixed**. Is a magnificent strain of Cyclamen with flowers of extraordinary size and substance. Per 100 seeds \$2.00; Pkt. 25 cts.
- 343 **Butterfly**. The edges of the flowers are beautifully waved, making a very showy plant. Mixed colors. Pkt. 50 cts.
- 344 **Persicum**. Flowers almost equal to the Giant varieties in size, but easier to grow; plants bloom more profusely. Mixed colors. Pkt. 15 cts.

Cypress Vine (Ipomoea Quamoclit)

(Annual.) One of the most popular vines, with very delicate fern-like foliage and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours. Height 15 ft.

- 350 **Mixed**. White and scarlet. Pkt. ¼ oz. \$.05 \$.30

Hardy Garden Pinks (Dianthus Plumarius)

(Hardy perennial.) These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

- 403 **Allwoodii**. This new race of hardy plants, half Carnation and half Pink, commences to bloom in early spring and continues to flower during entire summer and autumn. Pkt. 35 cts.
- 405 **Plumarius Fl. Pl.** (Double Hardy Garden Pinks). Double and semi-double varieties in beautiful colors. Pkt. 15 cts., ¼ oz. 75 cts.
- 406 **Plumarius Semperflorens** (Florist's Pink). Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color. Pkt. 15 cts.
- 408 **Plumarius** (Clove Pink, Scotch Pink, or Pheasant eye Pink). A beautiful single hardy Pink, with fringed-edged white flowers, with a dark center. Pkt. 10 cts., ¼ oz. 50 cts.



DIANTHUS (Pinks)
One of the very satisfactory flowers in the garden.

Holco Prize Hybrids Delphinium

380. This strain contains the finest varieties of Delphinium from the best Perennial gardens of England. It is not to be confused with the ordinary mixtures, but is composed of the new and rare high-priced varieties. Gorgeous blues, royal purples, soft silvery rose, mauve and blue with black centres, rich gentian blue with white center, and other rare color combinations impossible to describe. Flowers single and double, borne on long spikes, and blooming the entire summer.

Like every other plant, the Delphinium well repays good cultivation, and for that reason the soil should be well and deeply dug and liberally manured with well decomposed animal manures. On light and well-drained warm soils we recommend planting during the latter part of August or September. On heavy and cold wet soils it will be safer to defer planting until early March or up to the first week in April. When the spikes are growing rapidly, copious supplies of water should be given if weather is dry, and occasional waterings with weak liquid manure will benefit the plants considerably, giving increased size of flower and length of spike, and generally improving the color and brilliancy of the flowers. Pkt. 25 cts., $\frac{1}{8}$ oz. \$1.00.

Delphinium (*Hardy Larkspur*)

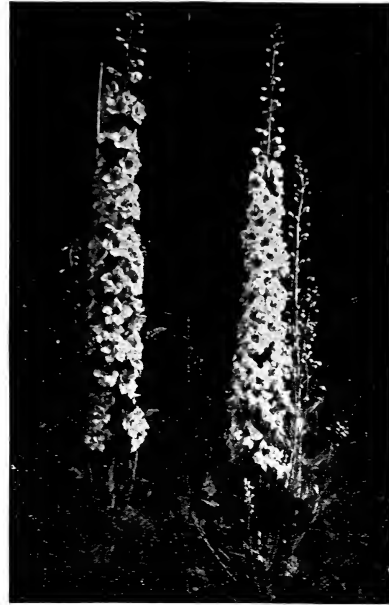
(Hardy perennial.) Sow seeds early indoors or in a hotbed. When about $\frac{1}{2}$ -inch high, transplant to flats 3 or 4 inches apart. Set out 6 inches apart in the garden. Plants treated thus usually flower first season during August.

378 **Belladonna.** A splendid variety. The flowers are an exquisite shade of sky blue, and are valuable for cutting purposes. This variety blooms from early Spring until late Autumn. Pkt. 20 cts., $\frac{1}{8}$ oz. \$1.00.

379 **Bellamosum.** This is a rich, deep blue form of the popular light blue Belladonna, having the same blooming and other good qualities. Pkt. 25 cts., $\frac{1}{8}$ oz. \$1.00.



DELPHINIUM BELLADONNA



HOLCO PRIZE HYBRIDS

Dianthus or Pinks

The family of Pinks is unrivaled for brilliancy and rich variety of color; the plants are bushy, of symmetrical form—blooming profusely until fall, rendering them most satisfactory for summer flower gardens. Sow out-of-doors when danger of frost has passed and they will, in several weeks become a mass of bloom, continuing until frost.

Single Pinks (Annual)

392 **Punctatus** (Princess Pinks). A very novel variety, with fringed flowers, mottled, flaked, spotted and striped in the greatest diversity of colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

393 **Heddewiggii** (Single Japan Pink). Finest selected single-flowered, mixed. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

Double Pinks (Annual)

395 **Snowball.** Fringed double white, splendid for cutting or as a border. Pkt. 5 cts., $\frac{1}{4}$ oz. 40 cts.

396 **Fireball.** Rich, blood-red flowers. Makes a striking contrast to the pure white variety Snowball. Pkt. 5 cts., $\frac{1}{4}$ oz. 40 cts.

397 **Mourning Cloak.** Rich, blackish, velvety crimson, margined with pure white. Pk. 5 cts., $\frac{1}{4}$ oz. 40 cts.

398 **Japanese Mixed.** Flowers very large and of the most brilliant colors, varying from pure white to the richest crimson, while many are beautifully laced or striped. For bedding purposes they are of immense value during the entire summer, and they also furnish elegant flowers for bouquets. Height, 6 to 9 in. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.

399 **Nobilis** (Double Royal Pinks.) Flowers of largest size varying in color from scarlet to dark blood red and rose to white. Pkt. 10c, $\frac{1}{4}$ oz. 50c.



GAILLARDIA IMPROVED GRANDIFLORA

Didiscus Coeruleus "Blue Lace Flower"

412. None of the easily grown garden annuals have within recent years attained greater popularity than the Blue Lace Flower. It is extensively grown by cut flower growers. The plants grow about 3 feet high, producing graceful subdivided foliage. The lovely flowers which are composed of a great number of small florets, range from 2 to 3 inches across. The color is the most beautiful clear coerulean or heavenly blue—a rare and beautiful shade.

The Blue Lace Flower is of easiest culture. Seed sown outdoors after danger from frost will produce plants which should bloom continuously from July to October. It may be grown in the greenhouse or conservatory for winter blooming. It is also desirable as a pot plant. **Pkt. 15 cts., 2 pkts. 25 cts.**

Digitalis (Foxglove)

(Hardy perennial.) Handsome plants of sturdy growth, succeeding under the most adverse conditions. Spikes 4 to 5 feet high with giant flowers in all shades of color.

415 **Finest Large Mixed.** The tall spikes are surmounted by one monstrous flower, all colors mixed. **Pkt. 10 cts., ¼ oz. 40 cts.**

416 **Giant Shirley.** 5 to 7 ft. The flower-heads are over 3 ft. long, covered with big bell-shaped blossoms. Colors range from white and shell-pink to deepest rose, many attractively dotted with crimson or chocolate. **Pkt. 15 cts., 2 Pkts. 25 cts.**

Dimorphotheca (Aurantiaca)

425 **African Golden-Orange Daisy.** This is by far one of the best introductions in recent years. The plants are of branching habit, growing about 15 inches high; the flowers are of rich golden yellow. Being an annual it is easily cultivated and will give a magnificent display all summer; very highly recommended. **Pkt. 10 cts., ½ oz. 40 cts.**

Dolichos (Hyacinth Bean)

(Annual climber.) Rapid growing climber, bearing bean-like flowers.

430 **Darkness.** A variety from Japan; rapid grower; flower reddish violet. **Pkt. 10 cts., oz. 25 cts.**

431 **Daylight.** Identical to the above except in color, which is pure white. **Pkt. 10 cts., oz. 25 cts.**

Gaillardia (Blanket Flower)

(Annual.) A splendid garden flower and excellent for cutting. The large highly colored, daisy-like flowers appear the entire season on stout erect stems often 15 to 18 inches in length.

475 **Picta Lorenziana, Double, Mixed.** Beautiful colors, flowering from mid-summer to frost; fine for bedding or cutting. 1½ ft. **Pkt. 5 cts., ¼ oz. 40 cts.**

476 **Improved Grandiflora** (Hardy Perennial). Giant flowers, blooming freely. Brilliant colors, yellow and crimson. We have the finest strain of Gaillardias in existence, coming direct from the great perennial gardens of England, where these flowers reach their greatest perfection. They are equally fine for the border or for cutting. Their brilliant colors make a wonderful display in the hardy garden, blooming from June to November. Some of the varieties of this improved strain measure 5 inches in diameter. Height, 1½ ft. **Pkt. 10 cts., ¼ oz. 50 cts.**

Eschscholtzia (California Poppy)

(Annual.) With fine cut foliage, and large poppy-like flowers in bloom from June until frost; fine for borders or large beds. Height, 1 ft.

440 **Californica.** Rich golden orange. **Pkt. 5 cts., oz. 40 cts.,**

441 **Golden West.** Enormous flowers. Deep rich yellow with an intense orange colored center. **Pkt. 10 cts., oz. 40 cts.**

443 **Geisha.** Inside petals brilliant gold, outside orange-crimson, petals fluted. Wonderful oriental color combination. **Pkt. 10 cts., ¼ oz. 30 cts.**

444 **Lovely.** This is a lovely tone of bright rose pink suffused with salmon. The contrast of color combination in this variety is very startling. **Pkt. 15 cts., ¼ oz. 50 cts.**

445 **Crimson.** Beautiful carmine crimson flowers. **Pkt. 5 cts., oz. 50 cts.,** Extra good.

447 **Finest Flowering Mixed.** New large flowering erect type, containing a large percentage of new shades in Eschscholtzias, including soft pink, scarlet, chrome copper red, claret and royal purple. **Pkt. 5 cts., oz. 50 cts.,**

Euphorbia

(Annual.) Strong growing annuals, for beds of tall-growing plants or mixed borders.

450 **Variegata** (Snow on the Mountain). Popular as a garden plant on account of its easy culture in the poorest soil—if in a sunny location. It is of branching growth about 2 feet high. The foliage of light green being broadly margined with silvery white, gives the effect in miniature of "Snow on the Mountain." **Pkt. 10 cts.**

454 **Heterophylla** (Mexican Fire Plant). Annual poinsettia resembling in habit and color the beautiful hot-house poinsettia. About mid-summer the center top leaves of each branch turn orange-scarlet. **Pkt. 10 cts.**

Everlasting Flowers

456 **All Varieties Mixed** (Annual). The so-called everlasting or straw flowers are of eternal beauty, those that never fade. Unsurpassed for winter decoration, and when made into bouquets or arranged in vases, they last for years. **Pkt. 10 cts., ¼ oz. 25 cts.**

Feverfew (*Matricaria*)

460 **Double White (Annual)**. Free flowering; for bedding or pot culture; showy double white flowers; 18 in. Pkt. 10 cts., oz. 60 cts.

Forget-Me-Not (See Myosotis)

Foxglove (See Digitalis)

Four O'clock (See Marvel of Peru)

Gloxinia

Magnificent house-blooming plants. They flower in great profusion with handsome bell shaped flowers in a great variety of color.

470 **Large-flowering. Mixed.** Pkt. 25 cts.,

Godetia (*Satin Flower*)

Showy garden annuals first found in the Rocky Mountain regions. Godetias are of compact growth, about 1 foot high, bearing freely flowers 3 to 4 inches across, of exquisite colors and shades that glisten in the sunlight like satin. Splendid either bedded or grown in pots.

490 **Mixed Varieties.** Pkt. 5 cts., ¼ oz. 25 cts.

Gourd (*Ornamental*)

(Annual.) Rapid growing climbers for covering arbors, fences, etc., with ornamental foliage and curious shaped fruit.

495 **Sugar Trough.** Used as water holders. Pkt. 5 cts., oz. 25 cts.

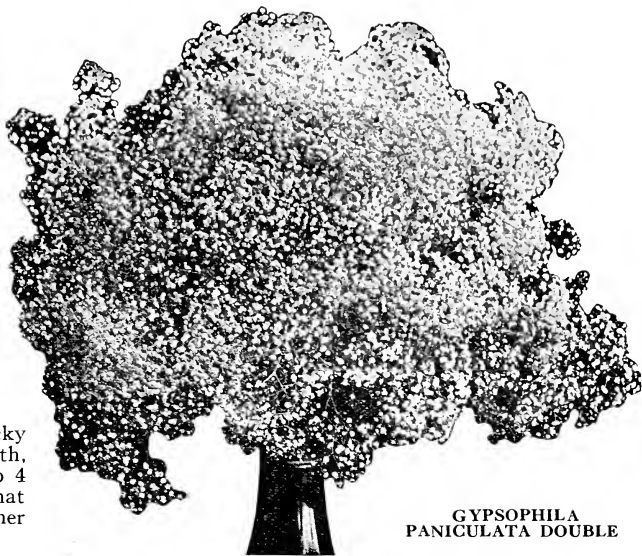
496 **Dipper.** Very useful. Pkt. 5 cts., oz. 25 cts.

497 **Japanese Nest Egg.** Pkt. 5 cts., oz. 25 cts.

498 **Pipe Calabash.** Pkt. 5 cts., oz. 25 cts.

499 **Luffa.** (Dish-Cloth, Sponge or Bonnet Gourd). Pkt. 5 cts., oz. 30 cts.

500 **Mixed.** Pkt. 5 cts., oz. 20 cts.



GYPHOSIPHILA PANICULATA DOUBLE

Gypsophila (*Baby's Breath*)

Graceful plants of light fairy-like growth. Much in demand for cutting and combining with other flowers for bouquets and vases. Desirable for rockwork as well as a filler among shrubbery.

520 **Paniculata Fl.-Pl.** (Perennial). A double-flowering form. Bears clouds of snow white flowers during July and August; 2 to 3 feet. Seed grown by introducer. Pkt. 25 cts.

522 **Elegans Grandiflora** (Annual). Large flowered, pure white form. Can be flowered from seed within a few weeks after sowing. Pkt. 5 cts., ¼ oz. 25 cts.

521 **Paniculata** (Perennial). 2 ft. July-August. Small flowers on branched stems, so thick as to give the plant a white lace-like effect. Pkt. 10 cts., ¼ oz. 25 cts.

Helichrysum (*Straw Flower*)

A very popular annual flower on account of its everlasting properties. Flowers intended for drying should be cut when partly open and suspended with the heads down. The plants should be not less than 1 foot apart to allow them to develop properly. Our Monstrosum type flowers are of double gigantic size.

	Pkt.	¼ oz.	
534 Canary Yellow	\$0.10	\$0.30	
535 Fireball. Bright red .....	.10	.30	
536 Salmon .....	.10	.30	
537 Scarlet .....	.10	.30	
538 Violet .....	.10	.30	
539 White .....	.10	.30	
540 Mixed. All colors, oz. 75 cts. .....	.10	.25	

Heliotrope

(Annual.) The seed we offer has been carefully saved from the very finest named varieties. It is nothing unusual for the plants to bear heads fully 12 inches in diameter. Seed sown in early spring will produce full grown plants for July blooming. Height 15 to 18 inches.

545 **Lemoine's Giants. Lavender Blue.**
Pkt. 10 cts., ⅓ oz. 50 cts.

Hollyhock

A superb strain of the finest types of double hollyhocks extant in clean, decided colors. A sowing made in early spring will flower, with good cultivation, during the ensuing summer and autumn. There is nothing more attractive as a back row plant than hollyhocks. We offer the very best strain procurable, which is, without doubt, **Chater's**.

	Pkt.	¼ oz.
552 Double Crimson	\$0.10	\$0.50
553 Double Maroon .....	.10	.50
555 Double White .....	.10	.50
556 Double Yellow .....	.10	.50
557 Double Newport Pink .....	.10	.50
558 Double Rose .....	.10	.50
559 Double Mixed .....	.10	.40
560 Allegheny Mixed. Many of the blossoms beautiful y fringed. Pkt. 10 cts., ¼ oz. 30 cts.		



CHATER'S DOUBLE HOLLYHOCK

Humulus (Japanese Hop)

571 **Japonicus Variegatus** (Annual). Where an attractive climber is desired that will stand rough usage, there is nothing better. The leaves are strikingly variegated. A strong grower—20 to 30 feet in a few weeks' time; not injured by heat or insects. Sow early in May. Pkt. 10 cts., ¼ oz. 30 cts.

Ice Plant

665 **Mesembryanthemum Crystallinum** (Annual.) Foliage very ornamental, being covered with ice-like globules and prized for garnishing; a valuable plant for dry, sunny situations on banks, rockwork, old walls and ruins, etc., also for sunny borders. Pkt. 5 cts., ¼ oz. 20 cts.

Impatiens Holstii Hybrids

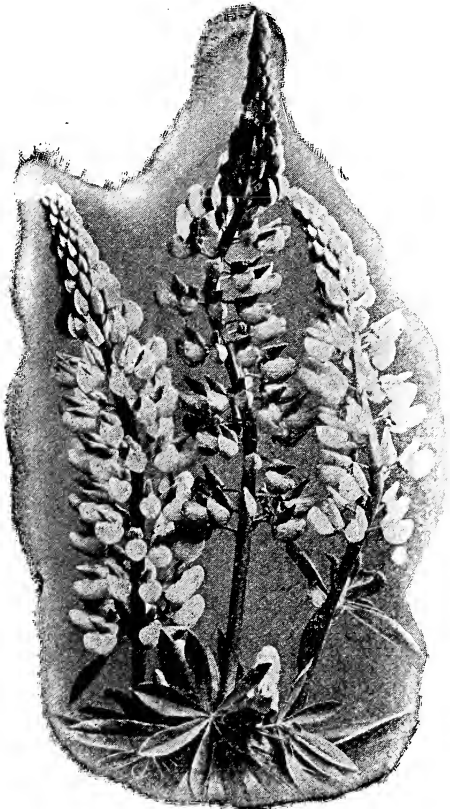
(Sultan's Balsam)

580 Handsome plants from East Africa, forming bushes 12 to 18 inches high. The flowers, 1¼ to 1½ inches across, are of scarlet, orange-red, pink and white, with a red eye. The plants grow luxuriantly out-of-doors and make unusually showy flower-beds. If grown in pots they are equally effective. Mixed colors, Pkt. 25 cts.,

Kochia

(Summer Cypress or Mexican Fire Bush)

590 (Annual). A very handsome symmetrical plant, forming beautiful globose specimens without pruning or pinching; leaves assume crimson tint in the fall. Height, 3 ft. Pkt. 5 cts., ¼ oz. 25 cts.



LUPINUS POLYPHYLLUS

Kudzu Vine (Japanese)

595 **Pueraria Thunbergiana**. The fastest growing hardy climbing plant. It will grow 8 to 10 ft. the first year from seed, and after it has become established there seems to be no limit to its growth. Its foliage is large and covers well; it bears small racemes of rose-purple, pea-shaped blossoms toward the close of August. A splendid subject for covering permanently verandas, dead trees, etc. Pkt. 10 cts., ¼ oz. 25 cts.,

Lantana

Verbena-like clusters of flowers, some changing color as the bloom ages. They are handsome bedding plants and beautiful for pots. The habit of the New Hybrids is a great improvement, these being fine, dwarf and compact plants. Seed may be sown as late as March.

600 **Hybrida Compacta**. Dwarf varieties. Fine mixed. Pkt. 10 cts., ¼ oz. 25 cts.

Larkspur

(Annual.) These are among the best-known garden flowers, and in recent years a vast improvement has been effected by careful selection in size and color of the blossoms and the general habit of the plant. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost. They make handsome beds and their free, graceful habit and bright colors are very effective. They stand well when cut, and a vase of one or mixed colors is indeed charming.

	Pkt.	¼ oz.
370 Dark Blue.....	\$0.10	\$0.30
371 Pure White.....	.10	.30
372 Lilac.....	.10	.30
373 Lustrous Carmine (Newport Pink).....	.10	.30
374 Exquisite Pink.....	.10	.30
375 Sky Blue.....	.10	.30
376 Mixed, all colors.....	.10	.20

Lathyrus (Hardy Sweet Pea)

(Hardy perennial.) Everlasting Sweet Pea, with flowers much like the annual sort, but without fragrance. Produces showy climbing vines suitable for screens, trellises etc., and flowers all summer.

605 **Latifolius Mixed**. Pkt. 10 cts., oz. 50 cts.

Lobelia

(Annual.) Extensively used for bedding, being valuable for blue edging. Also elegant for baskets, pots, etc. Requires a good soil for best effect.

630 **Crystal Palace Compacta**. Foliage dark; flowers rich, deep, blue; the best bedder. Pkt. 10 cts., ½ oz 50 cts.

631 **Hamburgia**. Trailing Sky Blue. Pkt. 10 cts.

633 **Specosia**. Blue trailing. Pkt. 10 cts.

634 **Cardinalis** (Cardinal Flower). Hardy perennial. A native species, succeeding best in moist situations; flowers intense scarlet; August to October. Height, 3 ft. Pkt. 15 cts.

Love-In-A-Mist (See Nigella)

Lupinus (Lupine)

(Hardy perennial.) For growing in the mixed border and for supplying cut blooms for house decoration, Lupines are among the most useful of our garden flowers. Lupines give an abundance of long spikes of delicately scented flowers in June and July. Sown in March or April, and treated as annuals, these plants make a fine show in tall borders during the autumn. Perfectly hardy. Height, 3 ft.

640 **Polyphyllus Mixed**. All colors. Pkt. 10 cts., oz. 25 cts.

641. **Harkness' Regal**. Are majestic in their splendor. Their colors gleam like polished gold and burnished copper; like leaping flames and molten metal. Softer shades are like apricots, peaches,—well there's nothing on earth quite like them. Award of Merit, Royal Horticultural Society of England. Mixed seed, pkt. 25 cts.

Marigold

(Annuals.) The various classes of Marigold include a large number of exceedingly bright and attractive flowers, and in autumn when many bedding and other plants are past their prime, they afford a wealth of color that is simply invaluable.

The African varieties produce large self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting, some of the varieties being elegantly striped and spotted. They are most effective in ribbon borders, and as edgings to beds of tall flowers, such as Salpiglossis and Zinnia.

Double African Marigolds

- 650 **Lemon Queen.** Very large, globular, double yellow flowers. Pkt. 10 cts., ¼ oz. 50 cts.
- 651 **Orange Prince.** Flowers very large, of a rich orange color. Pkt. 10 cts., ¼ oz. 50 cts.
- 652 **African Double Mixed.** Pkt. 5 cts., ¼ oz. 25 cts

Dwarf Double French Marigolds

- 653 **Legion of Honor (Little Brownie).** Single; bright yellow with dark crimson spots or blotches; a good bedder. Pkt. 5 cts., ¼ oz. 25 cts.
- 654 **Dwarf Double Mixed.** Pkt. 5 cts., ¼ oz. 25 cts.
- 655 **Striped Gold.** Double, brownish-red striped. Pkt. 10 cts., ¼ oz. 25 cts.

Marvel of Peru (Four O'clocks)

- 660 **Choice Mixed (Annual.)** Bushy plants of easy culture, producing hundreds of flowers during the entire summer; very showy in the garden. Height, 2 ft. Pkt. 5 cts., oz. 20 cts.

Mignonette

(Annual.) One of the most delicately scented of all flowers. The plants grow rapidly from seed sown in the open ground early in spring.

- 671 **Large Flowering Mixed (Sweet-Scented).** One of the finest; highly recommended. Pkt. 5 cts., oz. 25 cts.
- 673 **Golden Machet.** Distinct variety of Machet, with massive spikes of golden-yellow blossoms. Pkt. 10 cts., ¼ oz. 25 cts.
- 674 **Goliath.** A robust-growing variety with enormous flower spikes of a rich reddish-green color and delightfully fragrant. Sown out of doors it produces trusses 7 in. long. Pkt. 10 cts., ¼ oz. 40 cts.
- 675 **Defiance.** The individual florets are of immense size, forming a graceful as well as compact spike. Of extraordinary keeping qualities. Pkt. 10 cts., ¼ oz. 35 cts., oz. \$1.00.

Moon Flower

Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors, or stumps of trees they are invaluable; it is well to soak the seed in warm water over night to assist in rapid germination.

- 586 **Grandiflora (Moon Flower).** At night and during dull days the plants are covered with large white fragrant flowers. It grows very rapidly and will cover a large surface. Pkt. 10 cts., oz. 50 cts.
- 588 **Sky Blue (Ipomoea rubro-coerulea).** The plant grows quickly and climbs well. The beautiful sky-blue flowers, measuring 5 to 6 inches across, are borne in great quantity. Prefers a sunny situation. Pkt. 15 cts., ¼ oz. 50 cts.

Morning Glory

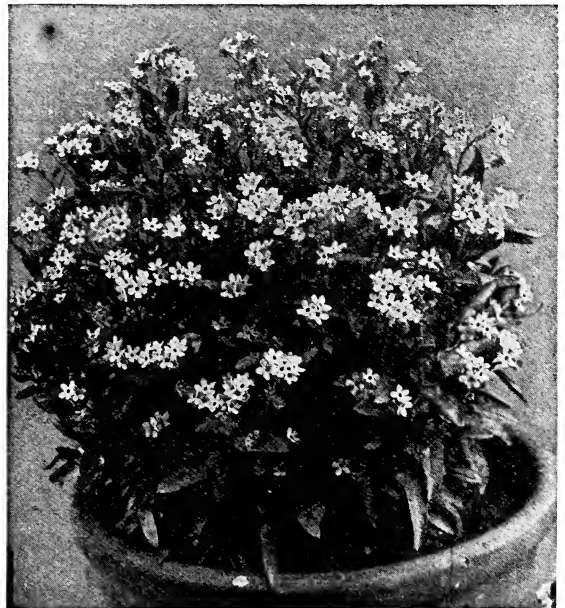
(Annual.) One of the most popular climbers. Rapid grower.

- 695 **Japanese Imperial Mixed.** Flowers of large size, and great variety of colors. Pkt. 5 cts., oz. 25 cts.
- 696. **Giant Japanese Morning Glory.** Has an entrancing beauty and large size flowers; they measure 3 to 4 inches across. The colors are deep, rich, velvety shades; others daintiest blue and purple; snow-white to silver-gray, new-terra cotta, and coffee-colored shades. Some flowers are striped and spotted. They are simply magnificent. Pkt. 10 cts., oz. 40 cts.
- 697 **Heavenly Blue.** Charming and distinct. Flowers are extra large in size, a lovely light blue, outlined with a narrow band of silvery white. Pkt. 10 cts., oz. 35 cts.
- 698. **Brazilian (Setosa)** A magnificent summer climber. It grows with the greatest vigor and luxuriance. The leaves are 8 to 12 inches across, making a dense shade. We know of nothing better for quickly covering a piazza, arbor or tree. The flowers are of a beautiful rose color, and are borne in large clusters. Pkt. 10 cts., oz. 35 cts.

Myosotis (For-get-Me-Not)

These are lovely plants for moist and shady situations. These flower the first year from seed. Sown in spring they flower in the fall; if wanted for spring flowering sow in July and transplant in the fall. Height, 1 ft.

- 700 **Alpestris, Victoria.** Dwarf and bushy. Best variety for borders and pots. Also very early, flowering 8 to 10 weeks after sowing; large bright sky-blue flowers. Pkt. 10 cts., ¼ oz. 35 cts.
- 701 **Alpestris, Mixed.** Pkt. 5 cts., ¼ oz. 25 cts.
- 703 **Palustris Semperflorens.** Dwarf, blooming from spring until autumn. Large, clear, blue flowers in pretty sprays. Pkt. 15 cts., ¼ oz. 50 cts.



MYOSOTIS ALPESTRIS VICTORIA

Nasturtiums (Tall or Climbing)

(Annual.) For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, etc., nothing can equal the gorgeous effect produced by their great quantities of bloom from early summer until frost. Height, 8 to 10 ft.

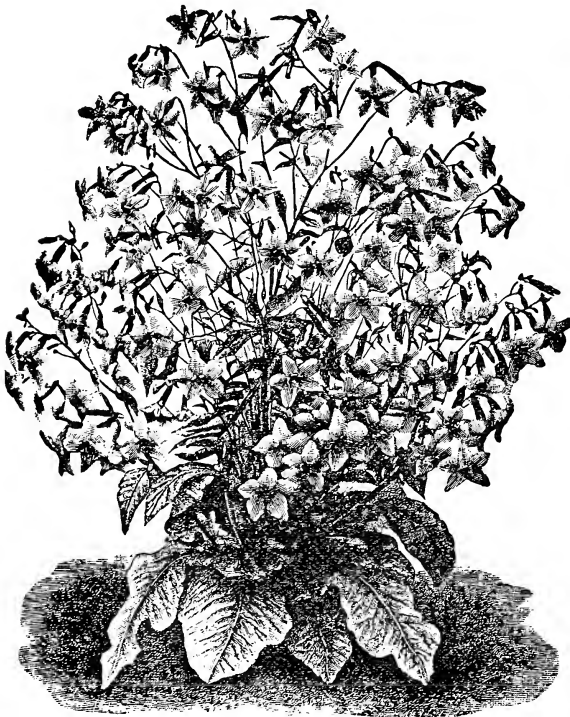
- 711 **King Theodore.** Rich deep red, dark foliage. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
- 712 **Rose.** Salmon rose. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
- 713 **Chameleon.** (Coquette). Produces combination of red and yellow flowers on same plant. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
- 714 **Schulzi.** Dark scarlet, very dark leaves. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
- 715 **Dunnett's Orange** (Sunlight). Pure orange. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
- 716 **Pearl or Moonlight.** Amber-white. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
- 719 **Vesuvius or Salmon Queen.** Deep apricot. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

HOLCO TALL MIXED NASTURTIUM

721. Composed of the very finest large flowering tall nasturtiums. Color range of the flowers is magnificent. A bed of Holco Tall Mixed in full bloom make a gorgeous display. Pkt. 5 cts.; oz. 15 cts.; ¼ lb. 40 cts.; lb. \$1.45.

Nicotiana (Tobacco)

- 755 **Affinia** (Tuberose-Flowered Tobacco). Hardy annual. Sweet scented, pure white, tubular flowers, blooming continually. Height, 2 to 3 ft. Pkt. 5 cts., ¼ oz. 20 cts.
- 757 **Sanderae.** A splendid type in a great variety of colors. Pkt. 10 cts., 3 pkts. 25 cts.



NICOTIANA AFFINIA



NASTURTIUM
"Holco" Dwarf Mixed

Dwarf Nasturtiums

These Grand Dwarf Bedding Nasturtiums have flowers in a great variety of new and charming combinations of colors, while the brilliancy and velvety richness of the self-colored sorts have been greatly enhanced. For summer flower beds nothing can surpass them; the plants form perfect mounds about one foot high by one foot across. Seed sown in the open ground in the spring will produce plants that bloom during early summer and continue until frost.

- 730 **Chameleon.** Produces a combination of red and yellow flowers on same plant. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
- 731 **Crystal Palace Gem.** Sunflower yellow, spotted purple maroon. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
- 732. **Empress of India.** Deep crimson, dark leaved. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
- 733 **King of Tom Thumbs.** Bright scarlet, dark leaved. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
- 734 **King Theodore.** Rich red, dark full foliage. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
- 735 **Spotted King or Ladybird.** Indian-yellow, spotted cardinal red, calyx and spur ruby. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
- 736 **Pearl or Moonlight.** Creamy white. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
- 737 **Vesuvius or Salmon Queen.** Striking dark foliage and rich, salmon-rose flowers. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.
- 738 **Golden King.** Indian yellow, dark leaved. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

HOLCO DWARF MIXED NASTURTIUM

740 Remarkable for its wonderful brilliancy of coloring. Our Holco Mixture is composed of the finest and most distinct varieties of the free flowering type. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.45.

Emmett B. Sark, Franklin Co., Ohio. I want to thank you for the very fine quality of seeds you sent me.

Henry W. Peterson, Michigan. The seeds I have received from you for the past several years surely have been good.

Nigella (Love in a Mist)

- 765 **Damascena** (Annual). Showy, with finely-cut foliage, and centaurea-like flowers, blue and white mixed. Height, 1 ft. Pkt. 5 cts., ½ oz. 25 cts.

Holco Giant Flowered Pansies

How to Grow. Pulverize the soil to a depth of 6 or more inches. On the level surface, spread a layer of pulverized manure, to a depth of at least one inch. Overlay the manure with a half-inch of fine soil. Roll or rake down and tamp; soak down the bed several inches. Sow seeds in drills or broadcast. Cover as lightly as possible with the best soil or sand. Use light spray of water to moisten surface, but do not make soaking wet. Never allow beds to become dry. Any dryness after seeds sprout is absolutely fatal. These directions are for sowing in the open field, but will apply when using flats or cold frames. An ounce of seeds sows 60 to 75 square feet. We estimate five to six thousand plants per ounce.



"HOLCO" GIANT PRIZE PANSIES
The largest, finest strain there is anywhere.

Holco Giant Prize Mixed

776 This strain of Pansy is the last word in beauty of color and form. The petals are broad and cover each other in such a way as to appear double. Most of them are beautifully undulated and curled giving them a most striking appearance. All the colors of the rainbow are shown in these pansies, the royal purple velvet, gorgeous blues, golden bronze, mahogany red, and powder blue. Each day you will be surprised with new colors and combinations of colors that will be a constant delight. The plants are of robust growth, forming compact round bushes and the flowers are borne on long strong stems well above the foliage. It is important to cut the flowers every day to secure profusion of bloom. These are deliciously fragrant. Pkt. 25 cts., 1/8 oz. \$1.25, 1/4 oz. \$2.25, oz. \$8.00.

C. L. Fies, Dayton, O.—"The Holco Prize Pansy seed I got from you last year certainly put me in good here, as they were the finest Pansies around here, and I sold eight frames of them. I shipped 5000 to New Orleans, and this customer was after more this year. You cannot imagine what large, fine, beautiful plants they were, and I can truthfully say the best I have ever seen."

"Holco" Giant-Fancy Mixed

771 These most beautiful of all blotched Pansies have been developed after years of close selection by a skilled market grower who raises no other strain than this, which he has improved to such a wonderful degree. The well-formed expanded flowers are uniformly of the largest size. Of varied ground colors, such as white, cream, yellow, deep orange, mahogany, claret, rose, reddish bronze, lavender, and light blue, each petal is beautifully blotched. The seed necessarily is very expensive, but well worth all it costs. Pkt. 20 cts., 1/8 oz. \$1.00, 1/4 oz. \$1.75, oz. \$6.00.

"Holco" Giant-Flowered Pansies

If your soil is not of the quality of first-class potting soil prepare your beds for sowing as follows:

(1) Your ground being perfectly clean and free of weeds and trash, pulverize the soil to a depth of 6 or more inches. (2) On the level surface spread evenly a layer of pulverized manure, barnyard scrapings preferred, to a depth of at least 1 inch. (3) Overlay manure with half inch of the best soil you have thoroughly pulverized. (4) Roll or rake down and tramp surface true and smooth. (5) Use the hose freely and soak down the bed several inches. (6) Sow your seeds in drills or broadcast. (7) Cover as lightly as possible with your best soil or sand. Sand is best. (8) Use light spray of water to moisten surface. (9) Allowing plenty of ventilation, keep your beds moist, but not soaking wet until plants come up.

Never allow your beds to become dry. Any dryness after seeds sprout is absolutely fatal.

These directions are for sowing in the open field, but will apply when using flats or cold frames. An ounce of seed sows 60 to 75 sq. ft.

We estimate 5 to 6 thousand plants per ounce.

775 **Giant Exhibition Mixed.** This is a fine strain, the flowers being of perfect form and richest colors. For frame culture this variety is unexcelled, producing flowers of great size and perfection; equally good out of doors. Pkt. 25 cts., 1/8 oz. 75 cts., oz. \$5.00.

777 **Masterpiece (Giant Ruffled).** A remarkable type, each petal being conspicuously curled or waved. The range of color is very extensive, the rich, dark, velvety shades predominating. Pkt. 15 cts., 1/8 oz. 75 cts.

778 **Mastodon Mixed.** Extra large, colors are wonderful; something worthy of trial. Pkt. 25 cts., oz. 75 cts., 1/4 oz. \$1.50, oz. \$5.00.

780 **Trimardeau or Giant Mixed.** Pkt. 10 cts., 1/8 oz. 50 cts., oz. \$3.50.

781 **Mme. Perret.** A new and beautiful strain, originated with a French specialist, flowers of large size borne very freely in great diversity of color, especially rich in red and wine shades. The stock we offer comes direct from the introducer. Pkt. 15 cts., 1/8 oz. 75 cts.



MASTADON MIXED PANSIES

Petunia

We advise sowing seed thinly in shallow boxes of light, rich soil in any sunny window during February or March. When plants are well started, transplant to small pots or boxes. Do not discard the smaller plants, as these are quite apt to produce the finest flowers, especially in double flowered strains. When weather beams warm, and trees are well in leaf, these plants may be set out in rich soil 12 inches apart each way. Bedding kinds can be sown outdoors in May.

Double Petunias

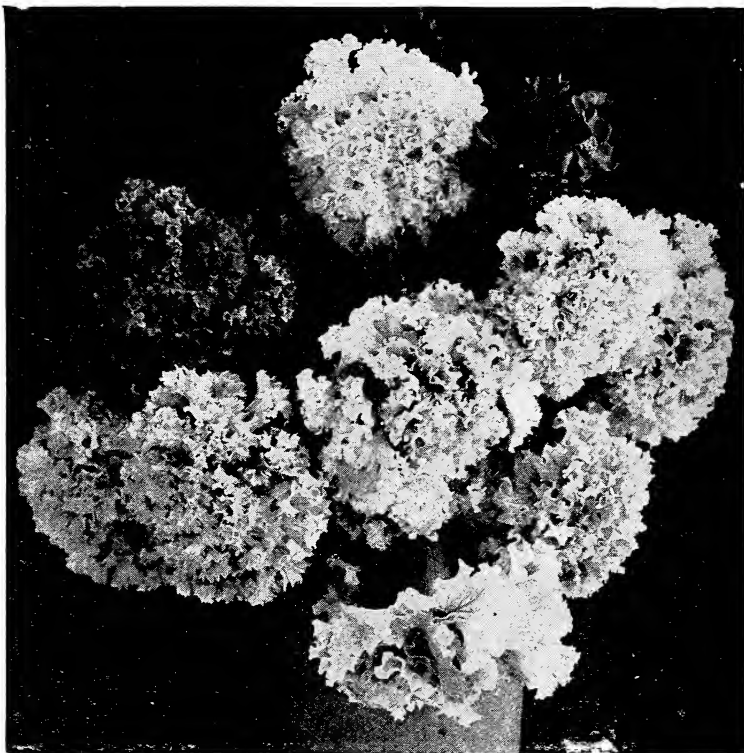
832 Large-Flowering Double Mixed

All lovers of double petunias will be delighted with this novelty. The stalks are very vigorous, the leaves thick and fleshy. The flowers are enormous, the size of Hollyhocks and very double. The edges are fringed and the petals fluted and crinkled. The rich velvety texture of the flowers in the gorgeous colors of royal purple, pink and white and the various combinations of these colors produce an effect that is beyond description. The crumpled form of the velvet petals give the flower the appearance of crushed heavy silk velvet. Truly this is a royal flower worthy of a place in any garden or window box. The plants are of medium size, compact habit, making them fine for potting or boxes. They are of easy culture and will thrive either in the formal garden or the cottage window. You cannot fail to be pleased with these marvelously beautiful petunias. **Pkt. 35 cts.; per 500 seeds \$1.00.**

826 **Howard's Star.** Very free-flowering. A bluish-pink star on maroon ground. **Pkt. 10 cts., 1/8 oz. 50 cts.**

828 **Rosy Morn.** A lovely rose with white throat; very dainty. Effective in window-boxes, beds, etc. **Pkt. 10 cts., 1/8 oz. 75 cts.**

829 **Rose of Heaven.** Very dwarf beautiful rose pink. Excellent for bedding. **Pkt. 10 cts., 1/8 oz. 75 cts.**



LARGE FLOWERING DOUBLE PETUNIA
Flowers are extraordinarily Double.

Giant Ruffled Fringed

827 These petunias are unexcelled the world over in size and color. Almost every color and color combination has been attained and the result is wonderful beyond measure and a dream of delight to the beholder. The flowers are very large and substantial, richly undulated and fringed, with deep dark throats and the most lovely veining. In fact the beauty of this strain of Petunias cannot be adequately described. They must be seen to be appreciated. **Pkt. 25 cts., per 500 seeds, \$1.00.**

825 **Giant of California.** Bears gigantic flowers often 5 or more inches in diameter of an astonishing variety of colors. One feature of excellence is the deep throat and the diversity of veining in the throat. Flowers are beautifully ruffled and frilled. **Pkt. 25 cts.**

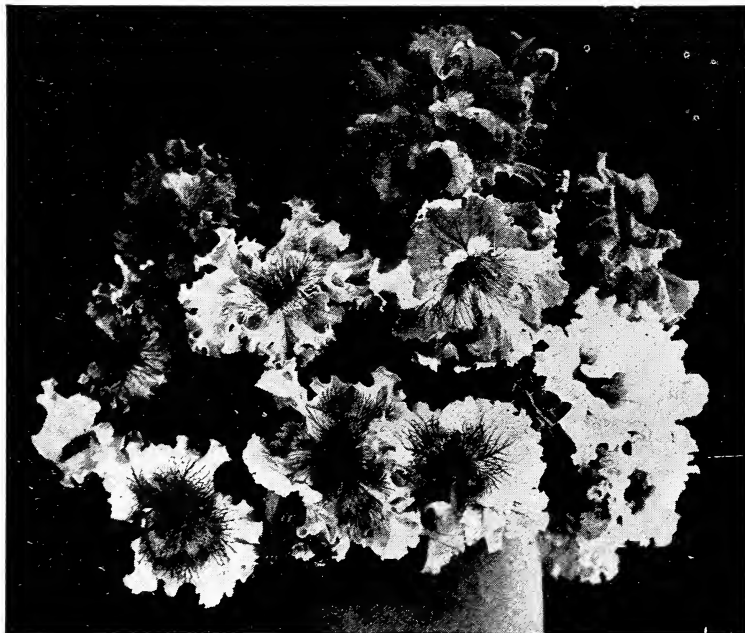
830 **Finest Mixed.** Bright color. **Pkt. 5 cts., 1/4 oz. 35 cts., oz. \$1.00.**

"Balcony" Petunias

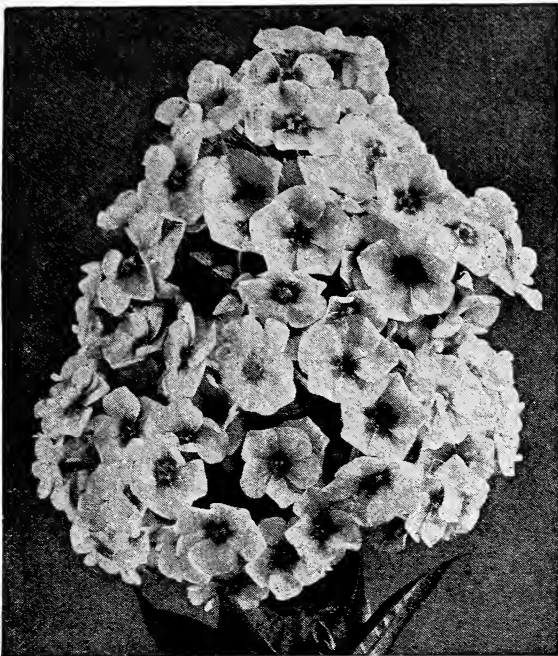
A superb new strain of medium size single bedding Petunias, growing about 12 inches high, with flowers averaging 3 inches across; of special value for window or porch boxes and vases or solid beds in the garden.

These Petunias will produce an unbroken display of color from early Spring until late Autumn.

	Pkt.
835 White	\$.20
836 Rose .....	.20
837 Blue .....	.20
838 Crimson .....	.20



GIANT RUFFLED FRINGED PETUNIA
See how very big and fine the flowers are. This is a handsome type.



HARDY PHLOX
Our strain is superb.

Hardy Phlox

847 Hardy herbaceous perennial and quite distinct from the varieties of Phlox Drummondii offered, which are annuals. For best results should be sown as soon as frost is out of the ground in spring or as soon as gathered in the autumn. Pkt. 15 cts., ¼ oz. 75cts.

The faint scent of Phlox is one of the garden's most cherished perfumes, the more so, perhaps, because it must be sought for. From it the fragrances may range up to the almost intoxicating sweetness of Waterlilies.

Be sure and plant some Perennial Seeds this summer for next year's blooming.

Pink (See Dianthus)

Phlox Drummondii

The Popular Annual Bedding Phlox

(Annuals.) For richness of color they cannot be surpassed. They are invaluable for beds and ribbon-gardening, therefore no garden should be without them. They should be sown outdoors in May, in a situation well open to the sun, and they will flower and be a mass of color in July and continue until late autumn. Seeds may be sown in a hot-bed in March and flowers be had in June.

840 **Phlox Drummondii.** Contains a wide range of colors. An exceedingly choice strain. Height, 12 in. Pkt. 5 cts., ¼ oz. 25 cts., oz. 75 cts.

841 **Large Flowering Dwarf Phlox.** Valuable class of the large-flowering annual Phlox. The colors are striking, the habit compact and dwarf, the plants frequently attaining only 4 to 6 inches in height, forming masses of flowers from 9 to 10 inches across. Strongly recommended for beds, edgings, or borders. Pkt. 10 cts., ¼ oz. 60 cts.

845 **Starred and Fringed.** Of dwarf habit, with very pretty star-shaped flowers. A novel variety; mixed colors. Pkt. 10 cts., ¼ oz. 50 cts.

Grows rapidly, begins blooming early, and continues up to frost

Flower Seeds by Weight

We carry large stocks of all Flower Seeds and shall be pleased to quote larger amounts of the varieties we list upon application.

Pentstemon (Beard Tongue)

Highly useful and attractive perennials in the hardy border.

820 **Gloxinioides "Sensation."** As a bedding plant this takes rank with the Petunia, Phlox, etc. It grows about 2 feet high, every branch being a spike of large, Gloxinia-like flowers in a very wide range of bright colors including rose, red, carmine, cherry pink, lilac, purple, etc. Pkt. 10 cts., ½ oz. 50 cts.

Physalis (Chinese Lantern Plant)

822 **Franchetii.** Hardy perennial forming dense bushes about 2 feet high, producing bright orange-scarlet lantern-like fruits. May be had in flower first year from seed if sown early; the fruits are often displayed in florist shops and are very interesting, and of splendid decorative value. Pkt. 10 cts., 3 pkts. 25 cts.

Platycodon (Chinese Bell Flower)

Very handsome border plants of the Campanula family, the flowers in bud having the appearance of inflated balloons; they flower from June to September.

824 **Grandiflora,** mixed colors. Pkt. 10 cts., ¼ oz. 50 cts.

Cut Flower Garden Mixture

We take pleasure in offering you something new in this Cut Flower Mixture. This can be used between rows of vegetables, in odd corners and in vacant lots. Each item is suitable for cut flowers, and the mixture is so compounded that you will have continuous bloom throughout the summer. Price, oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00, Postpaid.



DRUMMONDII PHLOX
Our strain is superb.



ORIENTAL POPPY

Poppies

Poppies are unsurpassed for brilliancy of color and from the charming little Shirley to the gorgeous peony-flowered they are subjects of lavish admiration. As they do not transplant satisfactorily, it is advisable to sow where they are to remain. Many are elegant for cutting, particularly the Shirleys; these, if picked early in the morning with buds just showing color, will be found durable for 2 days or more.

Single Annual Poppies "Holco" Giant Shirley

850 This is an extra fine strain of these charming poppies. They are single, and range in colors from the purest white through the delicate shades of pale pink, rose and carmine or the deepest crimson and blood-red, while many are edged and striped. Pkt. 5 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.25.

851 **Tulip Poppy** (Glaucum). Vivid Scarlet. An improved strain of the wild Flanders Poppy. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

853 **American Legion**. This new single Shirley is a dazzling orange scarlet of enormous size, borne on nice straight stems. Plants are very erect, of robust growth. Pkt. 10 cts., $\frac{1}{4}$ oz. 75 cts.

Poppies Double Annual

854 **Cardinal**. Large; fringed; scarlet; very effective. Pkt. 5 cts., oz. 30 cts.

855 **Carnation Flowered**. A splendid border variety. Large, very double, fringed flowers in brilliant colors. Height, $2\frac{1}{2}$ ft. Pkt. 5 cts., oz. 25 cts.

857 **Mikado** (the Striped Japanese Poppy). This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Pkt. 5 cts., oz. 30 cts.

858 **Peony Flowered**. Large, showy, double globular flowers, resembling a double peony. Mixed colors. Pkt. 5 cts., oz. 25 cts.

859 **Holco Special Mixture, Double Poppies**. This includes all of the above sorts, and will produce charming flowers in an endless variety of colors. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., 1 oz. 30 cts., $\frac{1}{4}$ lb. 85 cts.

Hardy Perennial Poppies

These varieties may be sown from July to September to flower the following season, though the Iceland variety will flower the first season from seed sown in February.

860 **Iceland**. Very graceful, dwarf plants containing over twenty shades. Height, 1 ft. Pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts.

861 **Orientele** (Oriental Poppy). Gigantic, dark scarlet flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

862 **Oriental Mixed Hybrids**. A splendid mixture of all colors, rose, lilac and mauve shades included. Pkt. 15 cts., $\frac{1}{4}$ oz. 50 cts.

864 **Princess Victoria**. Rich salmon pink. Pkt. 15 cts.

Portulaca (Sun Plant)

(Annual.) Dwarf-growing plants of easy culture; thriving best in a light, sandy soil and a sunny situation; flowers of the brightest colors

870 **Single Mixed**. All colors. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

871 **Double Mixed**. Of the most brilliant scarlet, yellow, white, etc. Pkt. 10 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50

Primula (Primrose)

These beautiful Chinese Fringed Primroses are indispensable for spring decoration in the home or conservatory, and rank among the finest of all winter blooming pot-plants grown by the florist or the home gardener. Sow in March, April and May.

875 **Fringed Chinese Primrose**. Giant flowering. This mixture contains the finest fringed sorts; as a pot plant for the house, this is unequalled. Pkt. 35 cts., 3 pkts. \$1.00.

880 **Kewensis** (Verbena Scented Primrose). Very attractive, pleasing bright yellow flowers borne on long spikes. Very fragrant, excellent house plant. Pkt. 25 cts.

882 **Obconica Gigantea Mixed**. These are of easy culture. To develop the colors to the highest degree, grow in heavy soil, and at a temperature as near 60 degrees as possible. They will not germinate well in any compost containing leaf mould or peat. Pkt. 20 cts.

885 **Malacoides** (Improved Baby Primrose). A fine house plant; flowers delicate lilac. Pkt. 15 cts.

890 **Vulgaris** (Hardy English Primrose). Canary yellow; fragrant. Pkt. 15 cts.

Primula Veris (See Cowslip)

Pyrethrum

Valuable, hardy garden plants with large single or double flowers 3 to 4 inches across, of rose, flesh, pink, white, crimson, etc., freely borne on stems about 2 feet high; they remain in bloom for a long time.

896 **Double**. Large flowering, mixed colors. Pkt. 25 cts.

897 **Single**. Large flowering, mixed colors. Pkt. 10 cts.

898 **Aureum** (Golden Feather) (Annual). For bordering and edging beds, contrasting very nicely with its bright yellow foliage. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

A perennial garden wisely planted will give you cut flowers for the table during the entire season.

Ricinus (*Castor Oil Bean*)

(Annual.) Ornamental plants of stately growth and pictures que foliage with brilliant colored fruit, producing sub-tropical effect; fine for lawn, massing or center plants for beds.

- 993 **Crimson Spire**, Leaves purple changing to bronzy green, with brilliant rosy crimson spikes. Colors not to be found in any other sort. Pkt. 10 cts. oz., 40 cts.
- 995 **Cambodgiensis**. The main stem and leaf stalks are shining ebony, leaves large, richly colored. The foliage assumes different shades as the plant increases in size. Height, 5 ft. Pkt. 5 cts., oz. 25 cts.
- 996 **Zanzibarensis**. Plants attain great dimensions; gigantic leaves. Pkt. 5 cts., oz. 25 cts.
- 999 **Mixed**. All sorts. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

Rudbeckia (*Coneflower*)

- 1005 **Bicolor Superba**. Fine, free flowering annual, growing about 2 feet high. The disk is velvety brown. the florets yellow. Very showy, and useful for cutting. Pkt. 10 cts., ¼ oz. 25 cts.
- 1006 **Newmanii**. A very showy perennial with large flowers of deep yellow with black cones; a grand autumn flowering plant. Pkt. 15 cts.

Scabiosa (*Pin Cushion Flower*)

(Annual.) These are of easiest culture. Seed can be sown any time in the spring after danger of frost is passed. They grow 2½ to 3 feet tall, and come into bloom early in July and bloom until frost. The colors range from white to pink, from cherry red to blue.

- 1020 **Large Flowering Double Mixed**. An assortment of all colors. Pkt. 10 cts., ¼ oz. 25 cts., oz. 60 cts.
- 1022 **Caucasica (Blue Bonnet)**. One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; color soft lavender-blue; 3 feet. In order to secure flowers this season it would be best to get plants which should be planted as early as possible. Pkt. 20 cts., 6 pkts. \$1.00.

Salpiglossis (*Painted Tongue*)

(Annuals.) A bed of these beautiful plants is easily one of the most striking features in any garden. Succeeding in ordinary soil and in a sunny position. The plants grow from 24 to 30 inches high, blooming all summer till frost. Splendid for cutting.

- 1010 **Finest Mixed**. Containing many colors. Pkt. 10 cts., ¼ oz. 40 cts., 1 oz. \$1.25.

Salvia (*Scarlet Sage*)

(Annual.) There is nothing more effective in the fall or midsummer than these bright scarlet flowers. Seeds should be started either in the house from February until April or in hotbeds. May be sown in the open ground in May.

- 1015 **Zurich**. A dwarf, free and early-flowering variety. A splendid bedder. Height, 1½ ft. Pkt. 15 cts., ¼ oz. 75 cts.
- 1016 **Splendens**. (Scarlet Sage). Bright scarlet. Height, 3 ft. Pkt. 10 cts., ¼ oz. 60 cts.
- 1017 **Bonfire**. Compact bushy plants, 2 feet high, producing innumerable erect spikes of the most brilliant scarlet flowers. Pkt. 10 cts., ¼ oz. 50 cts.
- 1018 **America, or Globe of Fire**. This is one of the freest and most continuous bloomer; also the most uniform in habit of growth, which makes it particularly valuable for bedding or planting in lines. Height, 2 ft. Pkt. 25 cts.



SALVIA HARBINGER

Salvia Harbinger

- 1019 The most brilliant of all Salvias. Plants raised from seed sown at the end of February commence to produce in profusion their long spikes of dazzling bright scarlet flowers early in June, and maintain a blaze of color until frost. The plants are dwarf and compact in habit, and the dark green foliage makes a striking setting for the brilliant red blooms. We consider this one of the finest Salvias yet introduced. Pkt. 25 cts., 3 pkts. 60 cts.

Stock (*Gilliflower*)

(Annual.) The charming colors, delightful fragrance, and free blooming character of the stocks have made them favorite plants for both Summer and Winter cultivation. They are very effective for bed and borders, and their handsome flower spikes are invaluable for bouquets and floral decorations. The large-flowering Ten-week is the earliest to bloom.

Large Flowered Dwarf 10-Week Stocks

Used for bedding out for summer blooming, coming into flower quicker than the other types.

- 1036 **Choice Mixed**. Pkt. 5 cts., ¼ oz. 50 cts.
- 1055 **Cut-and-Come-Again 10-Week Stock. Mixed**. Perpetual blooming sort, sown in March or April. Will flower in July and till frost; very double fragrant flowers Pkt. 10 cts., ¼ oz. 75 cts.

Stokesia (*Cornflower Aster*)

(Hardy Perennial) Plants grow about 15 to 18 inches high, bearing freely from July to October, handsome Centaurea-like blossoms, each measuring from 4 to 5 inches across; it is of easy culture and one of the most desirable plants for the hardy border, and also for cutting.

- 1060 **Cyanea, Mixed**. Pkt. 10 cts., ¼ oz. 30 cts.

Straw Flower (See Helichrysum)

“Holco” Butterfly or Spencer Sweet Peas

These are sometimes called Orchid-flowered Sweet Peas, and can be had in almost any color. The large, round, open flowers are of extraordinary size, with wavy standards and wide-spreading wings; a very large percentage bearing four blossoms to the stem, which is long and strong, making them of exceptional value for cutting. Prices: Any of the following except where noted, Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.20.

Cream Pink Shades

- 1500 **Majestic Cream.** Large, deep cream.
- 1142 **Picture.** A charming combination of cream and pink shades with a deeper flush on the wings.

Pink Shades

- 1108 **Elfrida Pearson.** The finest and largest blush pink.
- 1134 **Hercules.** A lively rose-pink. Enormous size.
- 1148 **Sunset.** A beautiful shade of soft, rich rose with a glowing sheen of gold.
- 1510 **Valentine.** Large, blush-pink.

White

- 1119 **King White.** Pure, glistening white; giant size.

Red Shades

- 1109 **Crimson King.** Loveliest and most magnificent of all Sweet Peas. Deep, rich crimson; does not change color with age.
- 1081 **Fiery Cross.** Brilliant, flaming red.
- 1501 **Mammoth.** Blazing orange-scarlet. Pkt. 15 cts.
- 1143 **Royal Scot.** Deep cerise; beautifully waved.

Orange and Salmon Pink Shades

- 1132 **Barbara.** Beautiful rich orange-salmon. A most brilliant color and very effective.
- 1503 **Geo. Shawyer.** Rich orange-pink.
- 1505 **Mary Pickford.** Beautiful dainty cream pink, suffused with salmon. Pkt. 25 cts.
- 1093 **Miss California.** Orange-salmon, cream pink of a distinctly new shade.
- 1144 **Tangerine.** A wonderful glowing tangerine orange color; nicely waved flowers.

Maroon and Purple Shades

- 1089 **Royal Purple.** Rich, warm purple; blooms profusely. One of the finest and most distinct varieties.
- 1511 **Splendor.** Rich red maroon.
- 1137 **Warrior.** Rich reddish maroon, flushed with bronze.

Lavender Shades

- 1145 **Austin Frederick.** Improved. Flowers are of immense size on long stems. The color is a pleasing shade of bright lavender. Pkt. 15 cts.
- 1506 **Powerscourt.** A pure lavender variety with flowers of mammoth size.
- 1507 **Wembley.** A delightful shade of lavender with a touch of blue, and a silver sheen. Pkt. 15 cts.

Blue Shades

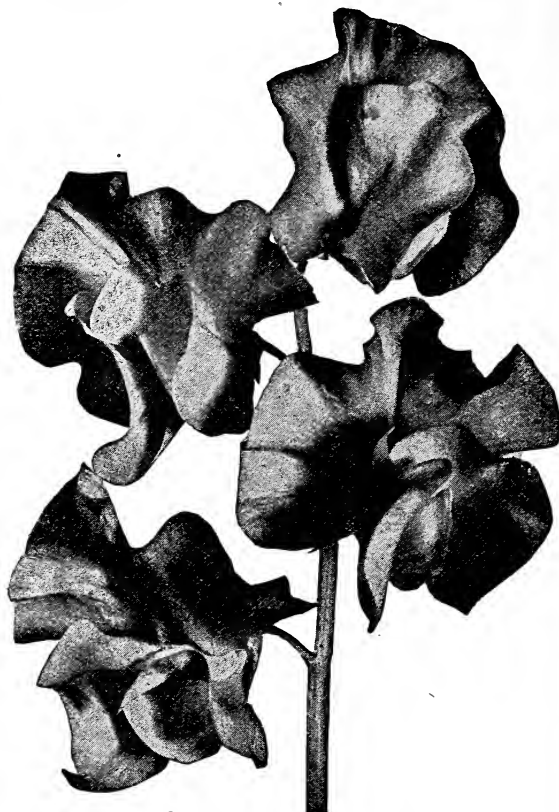
- 1139 **Commander Godsall.** Very rich, deep violet blue.
- 1141 **Mrs. Tom Jones.** Bright delphinium-blue. Flowers large, beautifully waved; four on a stem.

Bicolor

- 1509 **Dora.** A charming combination; large rose-pink standard with cream wings.

“Holco” Butterfly Spencer Mixed

- 1076 The greatest care has been exercised in blending this superb mixture, representing all the leading colors and the finest forms of Spencers, insuring a well balanced range of desirable colors. Pkt 10 cts., ¼ lb. 60 cts., 1b. \$2.00, postpaid.



CRIMSON KING SWEET PEAS

Early or Winter Flowering Spencers

These splendid Sweet Peas are valuable to Florists for greenhouse culture.

	Oz	¼ lb.
1030 Ball's Rose. Richest sparkling rose	\$.75	\$2.25
1032 Burpee's Orange. Clear and glistening	.75	2.25
1034 Superior Pink. Fine, bright rose.	1.50	5.00
1035 Columbia. The standard is a rich rose-pink, with delicate creamy wings...	.50	1.50
1036 Zvolanek's Rose. Deep rose-pink	.60	1.80
1038 Harmony. Fine, large lavender...	.60	1.80
1040 Blue Bird. A charming shade of blue	.50	1.50
1042 Mrs. Harding. Beautiful silvery blue	.75	2.25
1044 Snowstorm. The finest of the whites	.50	1.50
1046 Mrs. Kerr. Finest clear salmon...	.75	2.25
1048 Glitters. Bright orange-scarlet...	.50	1.50
1050 Yarrowa. Rose and cream...	.50	1.50
1052 Mixed, Winter Flowering Spencers.	.30	1.00

“Holco” Large Flowering Mixed

- 1077 This is the best possible mixture that can be made from existing Grandiflora or Eckford varieties. It has been our endeavor to secure the best balanced mixture of color for the admirer of the Grandiflora type, and those in search of a good mixture at a low price. Pkt. 10 cts., oz. 15 cts., ¼ lb. 40 cts., 1b. \$1.00.

Sunflower (*Helianthus*)

(Annual.) The larger varieties are useful in forming backgrounds of large beds or borders and for distant effects, while the smaller sorts may be planted with scarlet salvia, cannas and other tall bedding plants, and furnishing good cutting material.

530 **Double Chrysanthemum-Flowered.** Rich, golden-yellow flowers, perfectly double, resembling a Chrysanthemum or Dahlia. Height 7 ft. Pkt. 5 cts., oz. 35 cts.

531 **Miniature (*Helianthus cucumerifolius*).** Covered with hundreds of brightest orange, small, single flowers; of pyramidal growth, with bright, neat foliage. Pkt. 10 cts., oz. 35 cts.

532 **Red Sunflower.** Easily grown as any of the common Sunflowers. The flowers vary in color from a rich chestnut red, to red variously bordered with yellow. A striking novelty in the garden, and the gorgeous, long-stemmed blooms are beautiful and lasting as cut flowers. Pkt. 10 cts., ¼ oz. 50 cts.

Lloyd B. Snyder, Wayne Co., O. This is my second order this spring. This is the fourth year I have ordered from you. Your seed has always been all that anyone could expect.

Sweet William (*Dianthus Barbatus*)

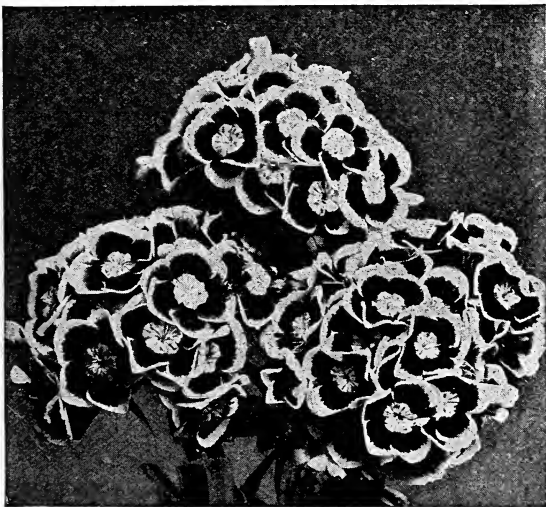
(Biennial) One of the most highly esteemed of all hardy garden plants. They are not only of easy culture, thriving in any garden soil but produce a wonderful show of color each succeeding Spring. Although the plants last over two seasons, it is generally advisable to make a fresh sowing each Spring, for blossoming the following year. Height, 18 inches.

1170 **Pink Beauty.** Improved fine salmon pink. Pkt. 15 cts., ⅓ oz. 50 cts.

1171 **Holborn Glory.** A magnificent strain with very large flowers of many attractive shades, and admired by all lovers of Sweet Williams. Mixed colors. Pkt. 10 cts., ¼ oz. 25 cts.

1172 **Scarlet Beauty.** Rich deep scarlet, very fine. Pkt. 15 cts., ⅓ oz. 50 cts.

1175 **Giant Mixed.** Strikingly brilliant and beautiful. Pkt. 10 cts., ¼ oz. 50 cts.



SWEET WILLIAM



MAMMOTH MIXED VERBENA
The colors are most exquisite.

Thunbergia (*Black-Eyed Susan*)

(Annual) Very attractive, slender, climbing or trailing plants, neat for baskets, porch boxes, etc. Pure white; black-eyed; sulphur white-eyed; orange, white-eyed.

1178 **Mixed.** Pkt. 10 cts., ¼ oz. 40 cts.

Tritoma (*Red Hot Poker*)

1179 **Hardy Perennials.** Very early-flowering variety; elegant orange-scarlet flowers. Height 3 ft. Pkt. 15 cts.

Verbena

(Annual.) A very popular bedding plant. For best and quickest results seed should be sown early in the house or hotbed and transplanted in May. If sown outdoors in May, it blooms from the end of July on.

Mammoth-Flowered Varieties

	Pkt.
1180 Pink	\$0.10
1181 Purple .....	.10
1182 Scarlet .....	.10
1183 Striped .....	.10
1184 White .....	.10
1185 Blue .....	.10
1187 Helen Wilmott. Large, salmon-rose.....	.15
1188 Lucifer. Deep cardinal-scarlet.....	.15

1186 **Holco Giant Mixture.** It includes the dazzling Lucifer, the Pink, Purple, Scarlet, White, Blue and Striped. We feel perfectly safe in stating that this mixture cannot be surpassed for brilliance. It will give you a gorgeous bed of flowers throughout the Summer. Pkt. 10 cts., ¼ oz. 50 cts., 1 oz. \$1.50.

1190 **Lemon Verbena (*Citriodora*).** Every garden should have a few of this fragrant favorite. Its pale green, delightfully scented foliage goes well with any flower. Pkt. 10 cts.

Vinca (Periwinkle)

(Annual.) Very handsome plants about 1 ft. high. Dark, glossy foliage, in flower constantly from June to frost. If sprays be cut and placed in water, all the buds will be developed, making them effective for a week.

1195 Mixed Colors. Pkt. 10 cts., 1/8 oz. 15 cts.

Viola Cornuta (Pansy Violet)

One of the most praiseworthy and useful novelties introduced within recent years. The flowers, which have the appearance of large single violets, are produced on six-inch stems. Is one of the most persistent blooming plants in cultivation.

1192 **Admiration.** Violet-blue flowers. Pkt. 10 cts.

1194 **Cornuta Mixed.** Pkt. 10 cts.

Wallflower (Cherianthus)

(Hardy perennial.) A class of free-flowering plants which are particularly valuable for bedding. Flowers bloom in spring, borne in long spikes, sweet-scented; a splendid range of colors from bright yellow through shades of red to brown.

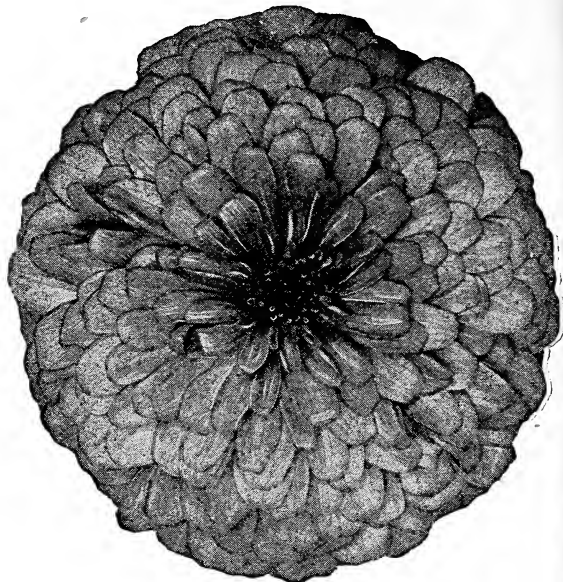
1210 **Double Mixed.** Pkt. 10 cts., 1/4 oz. \$1.25.

Zinnia (Youth and Old Age)

Giant Double Zinnias

The blooms are of immense size, when well grown averaging three and one-half to four and one-half inches in diameter and often three to four inches in depth. We strongly recommend our friends to make a trial of our seed and feel certain they will be more than pleased with the results obtained from same. Height, 3 feet.

	Pkt.
1124 Giant Yellow	\$0.10
1225 Giant Scarlet .....	.10
1126 Giant White .....	.10
1227 Giant Flesh Pink .....	.10
1228 Giant Violet .....	.10
1229 Giant Crimson .....	.10
1235 Black Knight. Very odd shade.....	.10
1231 Curled and Crested, Mixed, 1/4 oz. 35 cts.,	.10
1233 Dwarf Double Mixed, 1/4 oz. 25 cts. oz. 75.....	.05



GIANT DOUBLE ZINNIA
This is truly wonderful in size.

1250 **Giant Picotee.** A remarkable new and distinct class with beautiful double flowers in orange, flesh, lemon, pink and cerise, each petal being distinctly tipped with various darker shades, resembling the Picotee Carnations. Pkt. 15 cts., 1/4 oz. 50 cts.

1230 **Holco Giant Double Mixed.** We consider these the most beautiful of Zinnias. The flowers are of immense size and distinctive shades. A well blended mixture. Pkt. 10 cts., 1/4 oz. 40 cts., oz. \$1.25.

Giant Double Dahlia-Flowered Zinnia

Awarded a Gold Medal in 1924 by the Royal Horticultural Society of England

We are pleased to say that we have been able to secure this Zinnia in separate colors this year. The plants are of the same vigorous habit as our Giant Double-flowering varieties listed on this page. They attain the height of 3 feet, producing mammoth flowers averaging 6 inches across by 3 to 4 inches in depth, similar in shape to the decorative dahlia. We consider them a fitting companion to our strain of Giant Double-flowering Zinnias.

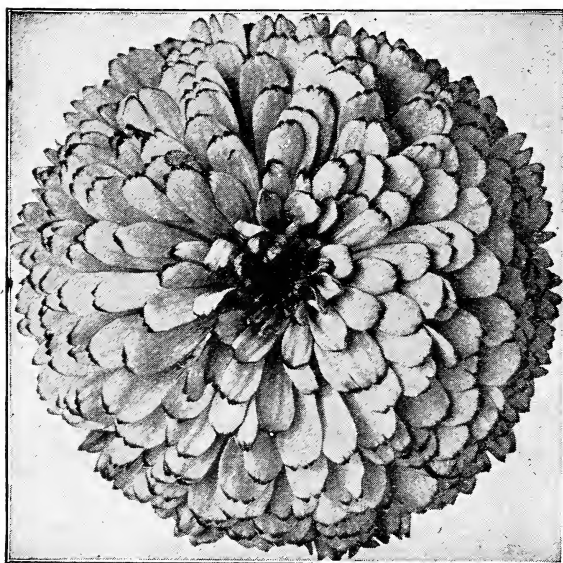
- 1255 **Canary Bird.** Canary yellow.
- 1256 **Crimson Monarch.** Crimson scarlet.
- 1257 **Exquisite.** Rich rose-pink.
- 1258 **Oriole.** Orange and gold.
- 1259 **Polar Bear.** Large, pure white.
- 1260 **Old Rose.** Beautiful shades of old rose.
- 1248 **Mixed.** A mixture of all shades.

Each pkt. 20 cts., 1/4 oz. 60 cts., oz. \$2.00.

COLLECTION: One pkt. each of above 6 varieties \$1.00.

FLOWER GARDEN MIXTURE

This is not a mixture of wild flowers, but of garden annuals. It contains a large number of different kinds, all of them quite hardy and varieties that will grow with the least amount of care and produce quantities of flowers for a long period. Indeed, there are so many kinds appearing in endless succession that it is a continual surprise from the time the first plant begins to blossom. We recommend it for vacant lots and waste pieces of ground. Oz. 10 cts., 1/4 lb. 25 cts.



GIANT PICOTEE ZINNIA
Is very effective in appearance.

Holco Large-Flowering Cannas

New and Latest Selections

No other bedding plant could be found to give the same results in our varied climate; they do well in any sunny position and in any kind of soil. For best results, plant about the end of May in beds, spaded two feet deep, enriched with well-decayed manure. Water sparingly for first two weeks after planting; thereafter water liberally. For best effect, plant in large masses of one color, setting plants two feet apart.

THE PRESIDENT. (5 ft.) The best green-leaved, red flowered Canna grown. The flowers are immense, round, firm—often 7 inches across—of extra good quality, and flower in the greatest profusion. The color is unfading, pure, glowing scarlet. 25 cts. each, 12 for \$2.50, 100 for \$15.00.

KING HUMBERT. (4 ft.) The best bronze-leaved variety. Very distinct, heart-shaped leaves shaded with purple madderbrown. Immense orchid flowered trusses of velvety orange-scarlet, flecked with carmine; rose tinted margin and base. 20 cts. each, 12 for \$2.00, 100 for \$12.50.

CITY OF PORTLAND. (3 1/2 ft.) Warm rose-pink, holding its tone through both hot and cool weather. The great full-petaled trusses are borne very freely on heavy stalks and make a wonderful showing throughout the season. 25 cts. each, 12 for \$2.50, 100 for \$15.00.

ROSEA GIGANTEA. (3 1/2 ft.) The largest pink Canna in existence. Color a rich rose pink, free bloomer; foliage green. 25 cts. each, 12 for \$2.50, 100 for \$15.00.

HUNGARIA. (3 1/2 ft.) Plant is dwarf and of compact growth; rich peach blossom pink. It is a free, early and continuous bloomer. Foliage green and very massive. 25 cts. each, 12 for \$2.50, 100 for \$15.00.

RICHARD WALLACE. (4 ft.) The finest pure yellow. Unfading and very attractive. Free bloomer throughout the season. 25 cts. each, 12 for \$2.50, 100 for \$15.00.



SHOWING HOW CANNAS AND CALADIUMS ENHANCE THE BEAUTY OF THE HOME

YELLOW KING HUMBERT. (4 ft.) The same hardy growth as King Humbert. Foliage a very dark green, with flowers 5 to 7 inches across, deep yellow heavily spotted with bright red. 20 cts. each, 12 for \$2.00, 100 for \$12.50.

EUREKA. (4 ft.) The best white variety. Free bloomer; green foliage. Plants of vigorous growth, and hardy. 25 cts. each, 12 for \$2.50, 100 for \$15.00.

MIXED CANNAS. All colors, but not separate. 15 cts. each, 12 for \$1.00, 100 for \$8.00.

If Canna Roots are desired by Parcel Post, please add 5 cts. per root, 25 cts. per doz., and 75 cts. per 100 for postage charges.

Caladium Esculentum (*Elephant's Ear*)

One of the most effective plants in cultivation for beds, borders, or for planting out upon the lawn. They make an excellent edging for fall-growing plants. Do not plant outdoors until after May 1st, but to get them in early growth they may be started indoors.

	Each	By Mail	Doz.	By Mail
Mammoth Bulbs.....	\$0.50	\$0.60	\$4.00	\$4.50
Large Bulbs .....	.30	.40	3.00	3.50
First Size Bulbs.....	.20	.25	2.00	2.25

Cinnamon Vine

Perfectly hardy, thrives everywhere in sun or shade, and once planted will grow a lifetime and be a constant delight. They will grow 30 feet in a single season. Roots will keep perfectly. Plant any time from earliest spring up to July 15th. 10 cts. each, 3 for 25 cts., 12 for \$1.00, 25 for \$1.85, postpaid.

Madeira Vine (*Climbing Mignonette*)

A beautiful vine, covering a large space in a short time. Heart-shaped light green leaves and clusters of pure white fragrant flowers. 10 cts. each, 3 for 25 cts., 12 for \$1.00, 25 for \$1.75.

Double Pearl Tuberoses

One of the most delightfully fragrant and beautiful of the summer flowering bulbs. Plant as soon as the ground becomes warm. Strong flowering bulbs. First size 10 cts. each, 3 for 25 cts., 12 for 75 cts., 25 for \$1.25, postpaid.

Hardy Lilies

LILIUM AURATUM (The Gold-Rayed Lily of Japan)
Flowers are pure white, thickly studded with crimson spots. Plant in November. Blooms in July. First size 45 cts. each, \$4.50 per doz.

LILIUM CANDIDUM (Madonna Lily). Choice Northern France grown. Plant in October. Finest White Lily. Blooms in June. First size 35 cts. each, \$3.50 per doz.

LILIUM REGALE (Regal Lily). A new hardy Lily with remarkably beautiful blooms; white shaded pink, with canary-yellow center. Plant in October. Blooms in July. First size 60 cts. each, \$5.00 per doz.

LILIUM SPECIOSUM (Album). A very attractive free-blooming pure white Lily. Plant in November. Blooms in August. First size 45 cts. each, \$4.50 per doz.

LILIUM SPECIOSUM (Magnificum). Frosted white, spotted, clouded and bordered with deep pinkish crimson. Plant in November. Blooms in August. First size 45 cts. each, \$4.50 per doz.

LILIUM SUPERBUM. A native type growing 3 to 6 feet, frequently bearing twenty to thirty flowers of a brilliant orange-red. Plant in October. Blooms in July. First size 30 cts. each, \$3.00 per doz.

LILIUM TIGRINUM (Tiger Lily). Orange-red, spotted black. Plant in October. Blooms in August. First size. Single, 30 cts. each, \$3.00 per doz. Double, 30 cts. each, \$3.00 per doz.

Lily of the Valley

LARGE CLUMPS—For outdoor planting, clumps are best to plant. They do best in a shady, moist place. Price, each 65 cts. prepaid; by express, not prepaid, 3 for \$1.50.

"Holco" Prize Dahlias

AMBASSADOR CACTUS DAHLIA

Decorative Dahlias

- ALASKA (White).** A pure white, with good size and very free blooming. Stems are very good. **50cts.**
- MILLIONAIRE (Mauve).** Clear violet-mauve, shading to white in the center. Very large and free blooming. **\$1.00.**
- WHOPPER (Buff).** Rightly named. Rank grower, stalks almost like a tree; color yellowish buff, shaded orange. **75 cts.**
- CAROLINE WINTGEN (Salmon).** An enormous decorative Dahlia, blooms averaging 8 to 10 inches across. Salmon-pink, shading to rose. Held erect on large stems. **75 cts.**
- KITY DUNLAP (Rose).** A beautiful shade of American Beauty Rose. Fine long stems, with wonderful keeping qualities. **\$1.50.**
- FRANK A. WALKER (Lavender).** A charming shade of deep lavender-pink. Especially recommended for cut flowers; long stems producing flowers in great abundance. **35 cts.**
- FLAME OF FIRE (Red).** A flaming orange-red. The flowers are large, and last when cut. **75 cts.**
- THE GRIZZLY (Maroon).** One of the best novelties. A great, dark, velvety, maroon beauty. A wonderful prize-winning Dahlia. Flowers of immense size. **\$1.00.**

Cactus Dahlias

- SNOWDRIFT (White).** A very large, finely formed, white Cactus Dahlia with good stems and wonderful keeping qualities. **\$1.00.**
- SAMARITAN (White).** Gigantic pure white flowers of immense size. Long stems. **75 cts.**
- BERTHA HORNE (Orange).** Deep orange-yellow, tinted with apricot. A large, free-blooming Dahlia on exceptionally good stems; keep well when cut. **\$1.00.**
- THE EAGLE (Yellow).** Color is a sulphur-yellow. Gigantic large flowers with long, stiff stems. **\$1.00.**
- AMBASSADOR (Buff).** Soft yellowish-buff, shading to salmon pink. Enormous size. One of the best Cactus Dahlias ever introduced. **\$2.00.**

MRS. E. P. DeNORMANDIE (Pink). Rose-pink, with a suggestion of lilac. Stem and free-blooming make this a very fine variety. **35 cts.**

HEIMWAY (Purple). Bold, rich purple flowers of immense size. A very free bloomer; good long stems. **75 cts.**

J. H. JACKSON (Black). The finest black Cactus Dahlia in existence. Color a perfectly gorgeous, deep, velvety, blackish maroon. **35 cts.**

Peony-Flowered Dahlias

ALLEN LOMA (White). A very large pure white flower. Petals nearly cover the bright yellow center. Very fine. **75 cts.**

FRANCIS MARTIN (Pink). A very large pink of the most delicate shade. Plants tall and sturdy, holding blooms well above the foliage. **50 cts.**

MILLY RODGERS (Yellow). A very large bloom of old gold and amber. A very free bloomer and an ornament in any garden. **\$1.00.**

DR. THURMAN (Yellow). The blossom is golden yellow, shaded at edge of petals with a very light apricot. Very showy; a good bloomer on good long stems. **50 cts.**

OREGON BEAUTY (Red). A beautiful red flower. Remarkably free bloomer; very attractive. **50 cts.**

Show Dahlias

- PURITAN (White).** Pure white. A very free bloomer with blooms held high on stiff stems. **50 cts.**
- MAUDE ADAMS (White).** A pure snow white Dahlia, very effectively overlaid with clear, delicate pink. **50 cts.**
- WAKE UP (Red and White).** This beautiful two-toned blossom of red and white is a very showy flower, very much admired. **\$1.00.**
- A. D. LIVONI (Pink).** Beautiful soft pink. Well-formed flowers with long, heavy stems. Free flowering. **25 cts.**
- MRS. C. D. ANDERSON (Crimson).** The flowers are of gigantic size, produced on long, heavy stems. Gorgeous crimson. **35 cts.**
- RED GEM (Red).** A very free bloomer, on good stems. The color is a bright red. One of the best Show Dahlias in its class. **75 cts.**

Pompon Dahlias

- SNOWCLAD.** Pure White. **35 cts.**
- PEACEMAKER.** Pure white. Extra fine. **\$1.00**
- J. H. R. Van CITTERS.** Yellow with orange. **50 cts.**
- CHAMEROSIN.** Champagne color. **\$1.00.**
- HARRY SNOOD.** Light pink; extra good. **\$1.00.**
- STOLS VON BERLIN.** Large pink. **50 cts.**
- EUNICE.** Lavender. **25 cts.**
- TITAN.** Small, fiery red. **50 cts.**

Sure to Flower **Gladiolus** Plant Gladioli—
They Bloom for Everybody

Gladioli are the most attractive and useful for cut flowers of all summer-flowering bulbs. The richer the soil the better results will be. Fertilize with sheep manure or pure bone meal, hoe and loosen, keep down the weeds, and with ordinary rainfalls they will flower by July because their sturdy growth is assured from the stored-up strength in the bulbs. A succession of blooms may be had from July to October by making plantings in April, May and early June, 10 days apart. Plant bulbs 4 inches deep, 4 to 8 inches apart each way and stake when 2 feet high.

MRS. FRANK PENDLETON (Pink.) Bright rose-pink on a pure white ground. Giant blotch of rich carmine red on lower petals. 10 cts. each, 12 for 75 cts., 100 for \$5.00.

PRINCE OF WALES (Pink.) The flowers are large and well placed. The color is a most charming coral pink; similar to Halley but larger and of taller growth. The delicate pink is practically without throat markings. 10 cts. each, 12 for \$1.00, 100 for \$7.00.

E. J. SHAYLOR (Pink.) Splendid, deep rose-pink. One of the best ruffled varieties. Excellent for cut flowers. 10 cts. each, 12 for \$1.00, 100 for \$7.00.

EVELYN KIRTLAND (Pink.) A beautiful shade of rosy pink, darker at the edges, shading to shell pink at the center. Very brilliant scarlet blotches on lower petals; very tall spikes. 10 cts. each, 12 for \$1.00, 100 for \$7.00.

BYRON L. SMITH (Pink.) One of the best varieties, most refined lavender pink on white ground. Extremely effective as a cut flower. 20 cts. each, 12 for \$2.00, 100 for \$15.00.

JACK LONDON (Coral Pink.) Light coral pink striped coral red. Chrome yellow in the throat. Very vigorous in growth. 15 cts. each, 12 for \$1.25, 100 for \$8.00.

ALICE TIPLADY (Orange.) A beautiful variety of a new and distinct color. A rich orange-saffron. Very artistic; largest of the Primulinas. 10 cts. each, 12 for \$1.00, 100 for \$7.00.

BARON HULOT (Blue.) A royal violet-blue. One of the best for cut flowers. 10 cts. each, 12 for \$1.00, 100 for \$7.00.

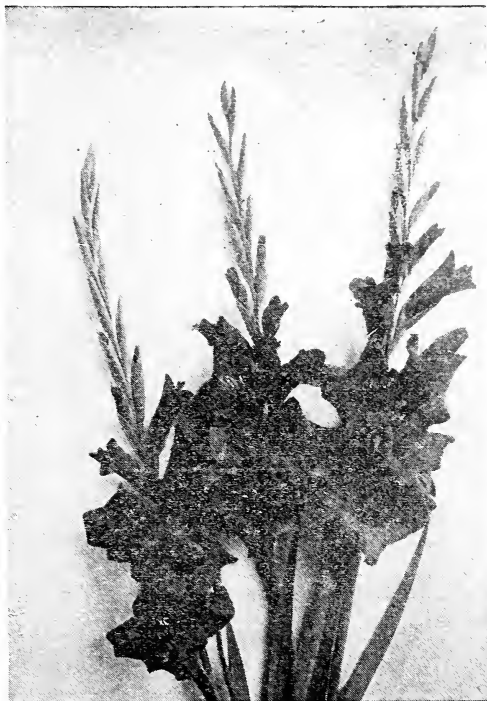
LOUISE (Lavender.) The lavender queen among Gladioli. Velvety, wine colored blotch toward the center. Large, well opened orchid-like flowers. 15 cts. each, 12 for \$1.25, 100 for \$8.00.

WAR (Red.) Deep oxblood red, shaded crimson black. Immense long spikes. 15 cts. each, 12 for \$1.50, 100 for \$10.00.

CRIMSON GLOW (Red.) Deep scarlet red, lighter in throat. Carmine blotches on lower petals. Large spikes; excellent for cut flowers. 15 cts. each, 12 for \$1.50, 100 for \$10.00.

JOE COLEMAN (Red.) Rich red. Large and vigorous. One of the finest for cut flowers. 20 cts. each, 12 for \$2.00, 100 for \$12.00.

SCHWABEN (Yellow.) Very popular with florists. Marguerite-yellow with small amaranth purple blotch on lower petals. Heavy spikes and foliage. 10 cts. each, 12 for 75 cts., 100 for \$5.00.



WAR GLADIOLUS

FLORE (Yellow.) A new golden yellow variety. A strong grower, with large spikes of flowers of immense size. Considered one of the best yellows. 15 cts. each, 12 for \$1.50, 100 for \$10.00.

YELLOW HAMMER (Yellow.) Primrose-yellow with small old rose blotch on lower petals. Tall, straight spikes. 10 cts. each, 12 for \$1.00, 100 for \$7.00.

L'IMMACULEE (White.) Pure waxy white, without a trace of blemish. 10 cts. each, 12 for \$1.00, 100 for \$7.00.

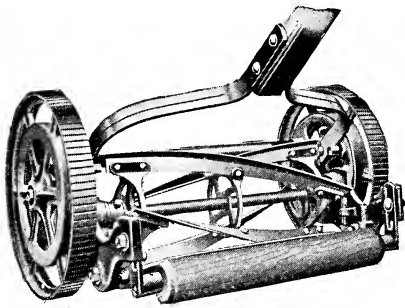
LILY WHITE (White.) Earliest white; lower petals have reddish-purple blotches. Very popular with florists. 10 cts. each, 12 for \$1.00, 100 for \$7.00.

EARLY SNOWFLAKE (White.) An excellent pure white. Strong spikes, carrying 16 to 18 blooms. One of the finest cut flower varieties. 15 cts. each, 12 for \$1.50, 100 for \$10.00.

Extra Fine Mixed. This splendid mixture is grown for us, and besides the mixture many choice new kinds are added. This insures a wide range of colors, shades and types. 12 for 50 cts., 100 for \$3.00, 1000 for \$27.50.

Holco Rainbow Mixture. This name has been chosen by us for the highest quality blendings of the many excellent named varieties shown on this page. Exquisite colors. 12 for 75 cts., 100 for \$5.00, 1000 for \$42.50.

New Primulinus Hybrids. This grand mixture of beautiful Butterfly Gladioli gives you the most delicate pastel tints. 12 for 50 cts., 100 for \$3.50, 1000 for \$30.00.



Coldwell Ball Bearing Mower
 10 1/4 -In. Wheels, with 5 Blades
 Self Sharpening

Only in an extra high grade mower, can such refinements as are incorporated in the Coldwell be found. They usually retail from \$2.00 to \$4.00 more than we ask for them.

Special Coldwell features as illustrated are: 5-blade, long bearing knife cylinder with automatic adjustment so that no attention on part of operator is necessary. Crucible steel cutting knife; drive pinions have extra long bearings. They are easy to run, almost noiseless, and cut clean. The finest of materials are used in their construction.

"HOLCO" SPECIAL

Size	Shpg. Wt.	Each
14 inch		\$10.00
16 inch		10.50

COLDWELL CADET

Size	Shpg. Wt.	Each
14 inch		\$ 8.50
16 inch		9.50

COLDWELL EAGLE

Size	Shpg. Wt.	Each
14 inch		\$13.00
16 inch		14.00

COLDWELL IMPERIAL

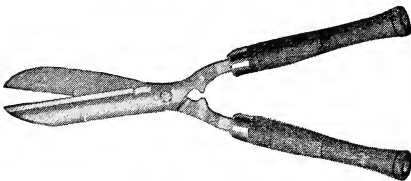
Size	Shpg. Wt.	Each
16 in. 62 lbs.		\$15.35
18 in. 64 lbs.		16.35
20 in. 66 lbs.		17.35

COLDWELL SUBURBAN

Size	Shpg. Wt.	Each
14 inch, 8-inch wheel, 4 blades		\$12.00
16 inch		12.75

Capitol Lawn Trimmer and Edger

This can be converted into either a trimmer or an edger in a few seconds by turning the machine over and making a slight adjustment of a brace rod. Price **\$11.00**



Hedge Shears

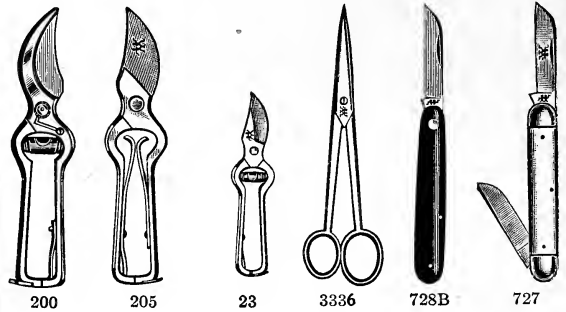
Steel blades, tang extends through handle, riveted, making handles fast. Blades are hollow ground causing them always to close on the cutting edge. Full polished. No spring tension—a bolt that fits into a threaded hole in the blade is tightened until proper tension is secured, then locked in place by a locknut.

No. 30. 6 1/2 inch (ladies)	\$ 1.50
No. 30. 8 inch	2.50
No. 30. 10 inch	3.25

Lawn Shears No. 1104. Manufactured from best quality Diston-made steel, black finished blades, 9-inch cut. Handles are 36 inches long, fitted with heavy steel ferrules, riveted through the tang, making it impossible for the handle to work loose. Shears fitted with two wheels, 2 x 5 1/2 inches. Weight 5 1/2 lbs. **\$4.50.**

Lopping Shears

No. 2. **Disston Lopping.** Polished hardwood handle, 27 1/2 inches long; heavy ferrule; heavy blades for heavy work; new tension and positive adjustment; weight, 3 1/4 lbs. **\$2.75.** By mail **\$3.00**
 No. 3. **Disston Bull Dog Lopping.** Both jaws curved and both cutting jaws; weight 3 1/4 lbs. **\$2.75.** By mail, **\$3.00.**



Horticultural Knives and Pruning Shears

No.	Description	Each
727	Knives, 2 blades, brass lined, white	\$1.75
778B	Knives, 1 blade, brass lined, ebony	1.00
3336	Thinning or Grape Scissors	1.25
109	Pruning Shears, Wiss, 9 in.	3.50
209	Wiss Jr., 9 in.	1.35
200	Pruning Shears, Henckels, 8 1/2 in.	2.25
205	Pruning Shears, Henckels, 8 1/2 in.	2.50
136	Kunde Double Cut	4.00
50	Pexto American, 8 in.	.95
65	Pexto American, 9 in.	1.75
23	Ladies, 6 1/2 in.	1.75



Compressed Air Sprayers

These Sprayers will spray potatoes, shrubbery, trees, etc., perfectly and are tested with 50 lbs. pressure before leaving factory. All sprayers guaranteed.

Complete with hose rod and nozzle:

Auto Spray, galvanized	\$6.00
Auto Spray, brass	9.00
Auto Pop Nozzle	\$1.50 each.



Garden Duster

Price By Mail 1.35 \$1.25



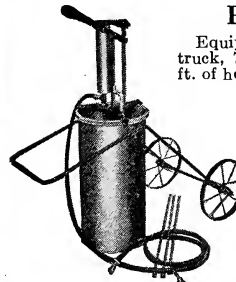
Automatic Compressed Air Sprayer

Galvanized, each \$1.25, by mail, \$1.35; brass, each \$2.00, by mail, \$2.10; copper, each \$2.25, by mail, \$2.35.

Paragon Sprayer No. 3

Equipped with a 12 gal. tank mounted on a truck, 7 1/2 ft. extension pipes, 2 nozzles and 10 ft. of hose,

\$25.00.



Paragon No. 0

Equipment: 4 feet Special Spray Hose, 3 feet Spray Pipe, 1 Mist Spray Nozzle, 1 Steel Cap for Mist Nozzle, 1 Straight Spray. Capacity, 3 1/2 gallons.

\$12.50.



Trowels



The Holco is the best made Trowel. The ferrule and shank, as well as the blade are forged in one piece. Only the very best material used. 6 inch, 85c each.



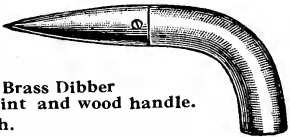
Forged Steel. This trowel is second to the Holco Trowel in quality and finish. The blade and shank are one piece, forged out of the best of steel. 6 inch 80 c, 7 inch 85c.



Slim Jim. Excellent for getting dandelion plantain, other weeds or transplanting. 5 inch size 20c, 7 inch size 30c each.

Dibbles or Dibbers

For transplanting tomatoes, cabbage, celery, etc.



Brass Dibber
Brass point and wood handle.
\$1.00 each.

Steel point and wood handle. Regular size, 80c each.



Iron King Seedar No. 4

Sows all garden seeds, plows open furrow and covers them.

Price \$13.50



Iron King Fertilizer Distributor No. 39

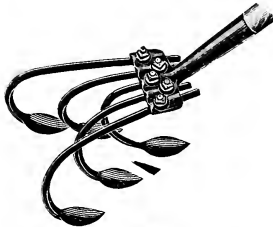
This machine is particularly adapted to the needs of the market gardener. Lime or fertilizer can be sown in the furrow, beside the growing crops, as a top dressing, or broadcast. It can be adjusted to sow any quantity from 50 pounds to 1500 lb. per acre.

Price \$18.00.

Weeders



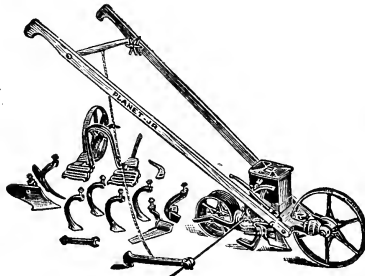
Exelsior Finger. This five-short-prong Weeder is excellent for loosening the soil in small flower-beds, etc. 15c each.



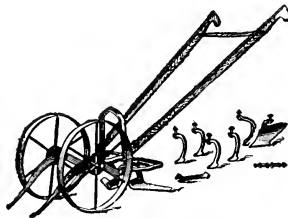
True Temper Invincible Cultivator—IGC 5 Useful when preparing the garden for planting and for cultivating between the rows after the plants have come up. \$1.00 each.

Magic No. C. The fingers are made of oil tempered steel. Is useful in loosening ground. 35c. each, doz. \$3.90.

Hazeltine's. Better known as Beet Weeder. A handy tool for weeding between beets, carrots, and all small vegetables and flowers. Made of 1-inch wide spring steel. 35c each, \$3.60 per dozen.



No. 25 Planet Jr. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow. Price \$21.50.



Iron King Double and Single Wheel Hoe No. 40

A Single and Double-Wheel Hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.

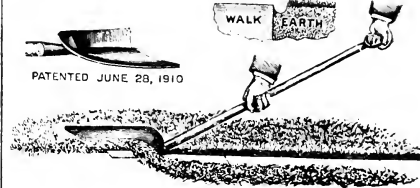
Price \$10.80.

Grass Hooks



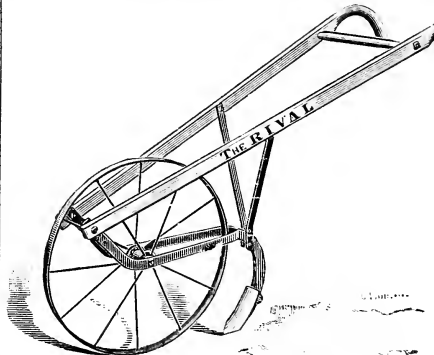
Village Blacksmith. With heavy riveted back, thin cutting blade, easy to sharpen; forged from the best-grade steel. No. 2 60c each, No. 3 75c each.

Little Giant. Tempered steel blade; black enameled handle. Used also for a Corn-Hook and for clipping hedges. Blade can be detached. 75c each.



PATENTED JUNE 28, 1910

Imperial Lawn Edge Trimmer For trimming the rough, straggling grass along the edges of the walk. Cuts a clean U shaped trench. \$1.25 each.



"The Berger" Plow

All steel garden plow with attachments. Price \$3.85.



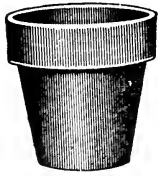
"Holco" Cultivator

A complete 5 shovel cultivator with detachable double point reversible shovels. Adjustable from 10 to 14 inches in cutting width. Price \$5.85

Farm and Garden Tools

Catalogue free. Describes tools, including Seeders, Wheel Hoes, Horse Hoes, Harrows, Cultivators. Write postal for it

Flower Pots, Saucers, Plant Tub, Etc.



Earthen Flower Pots

These cannot be sent by Parcel Post. Azalea pots same prices.

Height and Width Inside	Each	Doz.	100	1000
2 inch	\$.02	\$.18	\$ 1.02	\$ 9.56
2 1/4 inch . . . . .	.02	.18	1.16	10.84
2 1/2 inch . . . . .	.02	.18	1.35	12.75
3 inch . . . . .	.03	.24	1.76	16.58
4 inch . . . . .	.04	.36	2.70	25.50
5 inch . . . . .	.07	.65	4.86	45.90
6 inch . . . . .	.09	.98	7.29	68.85
7 inch . . . . .	.15	1.62	12.15	.....
8 inch . . . . .	.22	2.34	17.55	.....
9 inch . . . . .	.33	3.60	27.00	.....
10 inch . . . . .	.45	4.86	36.45	.....
11 inch . . . . .	.66	7.20	54.00	.....
12 inch . . . . .	.91	9.90	74.25	.....
14 inch	1.48	16.20	121.50	.....

Earthenware Saucers

	Each	Doz.	100
4 inches	\$.03	\$.27	\$ 2.03
5 inches . . . . .	.04	.36	2.70
6 inches . . . . .	.06	.54	4.05
7 inches . . . . .	.07	.72	5.40
8 inches . . . . .	.10	.99	7.43
9 inches . . . . .	.14	1.35	10.13
10 inches . . . . .	.15	1.62	12.15
11 inches . . . . .	.19	1.98	14.85
12 inches . . . . .	.23	2.43	18.23
14 inches . . . . .	.37	4.05	30.38

Painted Pot Labels

If wanted by Parcel Post, add 10 cts. per 100 and 20c. per 1000, for postage.

No. in pkg.	100	1000
4 in.	1000	\$.25 \$1.75
5 in.	1000	.35 2.25
6 in.	1000	.40 2.70
8 in.	250	1.05 7.50
10 in.	250	1.30 9.75
12 in.	100	1.50 11.75
18 in. for field use	6.00	54.00

Tree Label. 3 1/2 inch. Notched, copper wired, Painted. Per 100 40c. per 1,000 \$2 60

Moss

Bright, clean, long sphagnum moss; florists will find the quality much better than the average. For carloads, write us.

Sphagnum, Dry. Bales bur-lapped, \$1.45, 10 bales \$13.50.
Green Sheet. Sack, \$2.65

"Holco" Plant Tub



Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust.

No.	Inside Diam.	Each
No. 5	10 in.	\$1.10
No. 7	12 in.	1.50
No. 8	13 in.	2.10
No. 9	14 in.	2.10
No. 10	15 in.	2.50
No. 11	16 in.	2.65
No. 12	17 in.	3.10
No. 13	18 in.	3.75

Paper Flower Pots

Inside Diam.	Doz.	100	1000
2 1/4	12	\$0.50	\$3.95
2 1/2	15	.60	4.50
3	18	.80	6.10
3 1/2	20	1.00	7.80
*4	25	1.30	9.77
*5	30	2.00	15.07
*6	45	2.70	20.05

Size marked * are packed 500 to a crate, other sizes 1000. Special price will be quoted on paper pots f. o. b. factory.

Round Plant Stakes

These are painted green and nicely tapered and finished.

	Each	Doz.	100
1 1/2 feet	\$0.04	\$0.35	\$2.10
2 feet . . . . .	.06	.55	3.75
2 1/2 feet . . . . .	.07	.75	5.50
3 feet . . . . .	.10	1.00	7.00
3 1/2 feet . . . . .	.11	1.15	9.00
4 feet . . . . .	.13	1.40	10.50
5 feet . . . . .	.16	1.85	12.50

Japanese Cane Stakes

	Doz.	100	1000
6 feet	\$0.35	\$1.50	\$11.00
6 feet 3/4 to 3/4 in.	1.00	7.00	60.00

Raffia

We make a careful selection of long, broad strands for our trade.

Natural Color. 20c per lb. (by P. P. 30c), 5 lbs. 95c (by P. P. \$1.15).

Bulldog Clips. For fastening packages, boxes, etc. 90c per box of 1,000. 10 boxes for \$8.00

Glazing Points

Peerless Glazing Points. No. 1 for single thick glass, No. 2 1/2 for double-thick glass. 60c per 1000 (by parcel post 70c), 5000 for \$2.75 (by parcel post \$3.00).

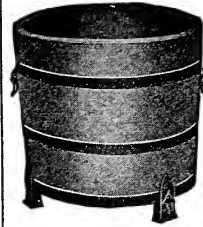
Siebert's Style Points (Zinc Nails). Two sizes, 5/8 and 3/4 inch. 40c per lb. (by parcel post \$2.15), \$3.70 per 10 lbs. (by parcel post \$4.00).

Grafting Wax

The best grade on the market. 1/4 lb. 15c, 1/2 lb. 25c, 1 lb. 45c; postage 5c per lb.

Prices Subject to Market Changes

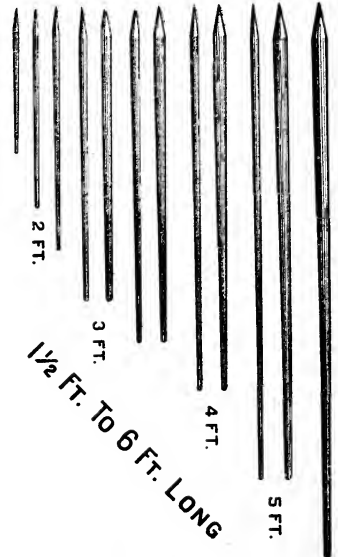
Cedar Plant Tub



Equipped with Strong Iron Hoops

These are made by hand of the very best white cedar painted green. They will be found very much superior to lower priced cedar tubs.

No.	Inside Diam.	Each
No. 1	12 in.	\$2.65
No. 2	13 in.	3.30
No. 3	14 1/4 in.	3.95
No. 3 1/2	16 1/2 in.	5.00
No. 4	19 in.	5.45
No. 5	22 in.	6.90



"Savo" Self-Watering Flower Boxes



Requires watering only once a week. Non-rusting, sub-irrigating. Beautifully finished in green. 23 to 41 inches long.

	Height	Width	Length	Price
A	8 in.	8 in.	23 in.	\$3.00
B	8 in.	9 1/2 in.	29 in.	4.00
C	8 in.	9 1/2 in.	35 in.	4.50
D	8 in.	9 1/2 in.	41 in.	5.00

"Holco" Bird Seeds, Dog Foods and Supplies



BIRD SEED AND SUPPLIES

	Lb.	10 lb.	100 lb.
Holco Songster	.20	\$.75	\$12.00
Philadelphia Mixed	.18		
French's Mixed	.15		
Canary	.15	1.15	9.00
Rape	.15	1.15	9.00
Hemp	.15	1.15	9.00
Millet, Golden	.10	.90	8.00
Millet, Red	.10	.90	8.00
Millet, White French	.25	2.00	15.00
Lettuce	.40	3.50	
Maw or Poppy	.25	2.00	
Thistle	.35	3.00	
Unhulled Rice	.20	1.50	
Sunflower	.15	1.00	
Magic	.75	5.50	
Cuttle Bone	.40	3.50	
Cuttle Bone	.5c each, 3 for 10c, doz. 30c.		

	Ea.	Doz.
Bird Bitters (Philadelphia)	\$.25	\$2.50
Bird Tonic (Burnett's)	.25	2.50
Bird Balm	.20	2.00
Bird Pep (Burnett's)	.15	1.50
Bird Manna (Philadelphia)	.15	1.50
Moulting Food (West's)	.20	2.00
Nestling Food (Spratt's)	.15	1.50
Nestling Food (Burnett's)	.25	2.50
Magnesian Grit	.10	1.00
Silver Washed Gravel	.15	1.50
Song Restorer (Magic)	.25	
Song Restorer (Sheppard's)	.25	2.50
Unexcelled Food (Burnett's)	.25	2.50
Mite Powder (Philadelphia)	.25	2.50
Insect Powder (Burnett's)	.25	2.50
Bird Wash (Burnett's)	.25	2.50
Bird Nests	.10	1.00

DOG FOODS AND REMEDIES

Old Trusty	10 lb.	100 lb.
Old Trusty Terrier Meal	\$1.25	\$10.00
Old Trusty Puppy Meal	1.25	10.00
Old Trusty Cakes	1.10	9.50
Old Trusty Climax	.20 per can	
Bennett's Milk Bone		
	box	
Puppy Cakes	.40	
Dog Cakes	.40	
Perfection Dog Food	25 lb. \$2.00	50 lb. \$3.50
100 lb.		\$6.00
Spratt's Dog Food		
	10 lbs.	100 lb.
Spratt's Fibo	\$1.50	\$13.75
Spratt's Ovals	1.50	13.75
Spratt's Cakes	1.55	12.00
Clayton's Dog Remedies		
	Each	
Kill Flea Powder	\$.35	
Ceoline Soap	.25	
Killflea Soap	.25	
Tape Worm Expeller	.25	
Diarrhoea Tablets	.50	
Laxative Pills	.50	
Digestive Tablets	.50	
Condition Pills	.50	
Diarrhoea Remedy	.50	
Vermifuge Capsules	.50	
Distemperine Tablets	.50	
Mange Remedy	.50	



Puppy Dinner

15c per can, 7 for \$1.00.

Doggie Dinner

15c per can, 7 for 1.00.

WE CARRY A FULL LINE OF BIRD CAGES, STANDS, CHAINS, SPRINGS, CUPS, ETC.

Grasselli Odorless Plant Food

For Lawns, Gardens, Trees and Shrubs

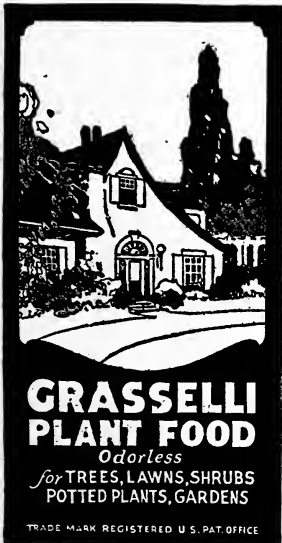
Grasselli Plant Food promotes the development of a good root system and strengthens the fibre of the plant.

Satisfactory plant growth is a matter of proper food plus careful attention. Growing plants are continually exhausting the supply of food elements from the soil, and unless proper food is supplied the growth is checked. Grasselli Odorless Plant Food supplies all the elements needed in correctly balanced proportions.

Grasselli Odorless Plant Food will stimulate the growth and bring out the desired beauty of your trees, shrubs, grass and flowers. It makes them grow like magic, promotes the development of a good root system and strengthens the plant fibres. In addition, it causes flowers and fruits to mature earlier—a great advantage in sections where the growing season is short.

Grasselli Odorless Plant Food has an advantage not found in ordinary fertilizers—it is entirely odorless. Grasselli Plant Food is scientifically correct. It is made by an organization with nearly a century of chemical experience.

Directions for using: Grasselli Plant Food should be mixed well with the soil before planting, not allowing the roots of the plants to come in direct contact with the plant food. When applying to growing plants, sprinkle around evenly, but not directly against the stems or foliage. Apply when dry and wet down afterwards. Water immediately, because it is important that the plant food be washed from the grass into the soil, so the plant roots can take it up. (Full directions with each bag or package). 5 lbs. 50 cts., 10 lbs. 85 cts., 25 lbs. \$1.75, 50 lbs. \$3.00, 100 lbs. \$5.00.



Lawns are greatly benefited by regular applications of Grasselli odorless Plant Food.

"Holco" Fertilizers

Write for prices on large quantities; All prices are subject to market changes



Wizard is Pure Pulverized Sheep Manure with all weed seeds killed. No waste or fibre. A natural plant food that makes all plants grow to perfection. Best fertilizer for lawns and gardens. Use 10 lbs. to 100 sq. ft. We ship everywhere. Fertilizer cannot be sent by mail.

100 lbs. \$3.00, 50 lbs. \$1.75, 25 lbs. \$1.00, 10 lb. pkg. 60 cts., 5 lb. pkg. 35c. Write for prices on tons or cars.

ACID PHOSPHATE. 16 %. Apply 1,000 lbs. per acre. The standard fertilizer for soils requiring Phosphoric Acid. For gardens it is very effective. 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1.00, 50 lbs. \$1.50, 125 lbs. \$2.50.

BON ARBOR. A complete fertilizer for house plants, flower and vegetable gardens. Highly concentrated to be used in a liquid or powder form. Directions for use on container. 8 oz. can 35 cts., 1 lb. 60 cts. By Parcel Post 5 cts. extra.

FLORANID. A highly concentrated organic fertilizer containing 46 per cent available nitrogen; clean, odorless, stainless. For flowers, vegetables, shrubs, lawns, ornamental and fruit trees. Dilute one level teaspoonful to a gallon of water; one pound to 100 gallons of water. 1 lb. 75 cts., 50 lbs. \$12.00.

SULPHATE OF AMMONIA. Most concentrated source of Nitrogen; better than Nitrate of Soda. Entirely soluble and quickly available. In 100 lbs. of Sulphate of Ammonia there are 20½ lbs. of nitrogen. To furnish that amount of nitrogen requires about 132 lbs. of nitrate of soda, 290 lbs. cotton-seed meal, or 1,650 lbs. ordinary fertilizer. Apply dry at the rate of 1 lb. per 100 sq. ft.; rake or harrow it in before seeding, or dissolve 1 tablespoonful in a gallon of water and sprinkle on rows. 1 lb. 15 cts., 5 lbs. 40 cts., 10 lbs. 60 cts., 25 lbs., \$1.40, 50 lbs. \$2.65, 100 lbs. \$4.50. (Write for literature and prices on larger quantities.)

Lawn Lime

The Grass and Garden Tonic

Lawn Lime will renovate old lawns and gardens, and cure the acidity of the soil. Promotes growth, gives grass a rich green color. For renewing old gardens and lawns it is unequalled. Guaranteed not to burn the sod. Has a tendency to prevent the growth of weeds. Apply at the rate of 100 lbs. per 500 sq. ft., or ½ ton per acre. 80 lb. sack 80 cts., 3 sacks \$2.15. (Write for prices on larger quantities.)

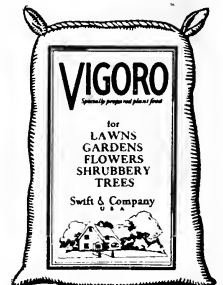
Velvety Lawns, Beautiful Flowers and Shrubs

VIGORO

Specially prepared plant food

You can have better lawns, flowers and vegetables if you use hardy disease-free seed and the right plant food. Plants, like human beings, must receive the right nourishment. Vigoro is specially prepared to supply lawns, gardens, flowers rapid, sturdy and beautiful growth. Vigoro is odorless, clean and easy to apply. It can be sown by hand like grass seed.

Good seed and the right kind of plant food are essential. To have a thick, dark green lawn use Vigoro, the plant food specially prepared to supply grass and other plants with all of the plant food elements needed for luxuriant growth. 5 lbs. 50 cts., 25 lbs. \$1.75., 50 lbs. \$3.00., 100 lbs. \$5.00.



BONE MEAL. (Fine ground.) Made from pure animal bone; unusually rich in nitrogen and phosphoric acid, the two principal plant foods. For lawn making, grain, grass and clover and as a top dressing for hay and pasture fields, bone is especially recommended. The plant food is taken up only as required and for that reason continues to feed the grass for a long time. Apply 10 lbs. per 100 sq. ft. or 800 to 1000 lbs. per acre. 3 lbs. 25 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1.40, 50 lbs. \$2.50, 100 lbs. \$4.00.

COW OR CATTLE MANURE. (Shredded.) A fine top dressing for lawns, gardens or in greenhouses. 100 lbs. \$3.25.

MURIATE OF POTASH. Apply 100 to 150 lbs. per acre, usually with other fertilizers. Must be used with great care, as it is very powerful. Excellent for potatoes, corn, grains, etc. Analysis equal to 50 per cent actual potash. 1 lb. 15 cts., 5 lbs. 40 cts., 10 lbs. 60 cts., 25 lbs. \$1.40, 50 lbs. \$2.65, 100 lbs. \$4.50.

NITRATE OF SODA. Nitrate of Soda is not a substitute for other Manures. Fifteen per cent nitrogen, equivalent to over 18 per cent ammonia. Use as a top dressing at the rate of 100 to 150 lbs. per acre on vegetables, when plants are well established. For home garden apply as a solution 1 tablespoon to one gallon of water. 1 lb. 15 cts., 5 lbs. 40 cts., 10 lbs. 60 cts., 25 lbs. \$1.40, 50 lbs. \$2.65, 100 lbs. \$4.50.

IMPORTED GRANULATED PEAT MOSS TORF MULL

A great soil improver; adds humus to the soil. Useful for mulching in the flower and vegetable garden.

Imported Peat Moss is being used extensively now in evergreen, shrub and greenhouse planting, and for mixing with potting soil for propagating benches, for covering greenhouse benches in place of sand or ashes, packing bulbs and plants. It is also used for poultry litter, especially for little chicks, as it is a powerful absorbent and will keep the floor of the poultry house dry.

Peat Moss is put up in bales containing 8 bushels, sufficient to cover 240 square feet 1 inch deep, or 80 square feet 3 inches deep. Price \$4.00 per bale, f. o. b. Canton.

ASHES, CANADIAN HARDWOOD. A very fine top dressing for lawns or for mixing with potting soil. Indispensable for all crops requiring potash. 100 lbs. \$2.50.

BLOOD, DRIED. A very quick acting soluble fertilizer for Roses, Shrubbery and Evergreens. 5 lbs. 60 cts., 10 lbs. \$1.00, 25 lbs. \$2.00, 50 lbs. \$3.50, 100 lbs. \$6.00.

Complete Line of New and Standard Varieties of

ROSES — SHRUBS — VINES — PERENNIALS — EVERGREENS
SHADE TREES — FRUIT TREES — SMALL FRUITS

We own and maintain Apple Grove Nurseries at North Canton, Ohio. While part of this ground is used for testing and growing seeds, we also have the Nursery Department, where we grow and propagate all the new and standard varieties of Roses, Shrubs, Vines, Perennials, Evergreens, Shade Trees, Fruit Trees, Small Fruits, etc. The growing is done under the direction of Mr. Carl Weinhart, an experienced grower, who served his apprenticeship under Charles Betscher of Dover, Ohio, who is known as the Burbank of Ohio.

We issue a Nursery book which not only contains the names and descriptions of new and standard varieties of Shrubbery and Fruits, but also has a lot of helpful information on growing, spraying and the general care of growing plants. THIS BOOK IS FREE FOR THE ASKING.

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Hybrid Teas — Hybrid Perpetuals — Climbers
Pillar Roses — Rugosa Roses

Write for our FREE Nursery Catalog in which we list the new and standard varieties of Roses, with suggestions on selection, their planting and cultivation.

(Members American Rose Society)

HARDY PERENNIALS

Perennials should be found in every garden. They will furnish a constant supply of cut flowers from early in the Summer until frost. They are easy to grow and require no special care; once planted, are permanent and among the most satisfactory plants in the garden.

HARDY SHRUBS

For softening foundation lines, mass planting for effect, for bordering the edges of walks or drives, or bringing out features of landscape beauty, shrubs are indispensable.

HARDY VINES

Vines always add grace and beauty. Some are prized for the color and fragrance of their flowers, while others are valuable for covering brick or stone walls.

Bring your planting problems to us and we will gladly give you helpful suggestions.

EVERGREENS

The use of Evergreens as all-the-year, outdoor ornament is rapidly increasing in favor. The smaller or dwarf varieties used in foundation plantings are very effective.

EVERGREEN SHRUBS

No planting is complete without a few ornamental evergreen shrubs. They retain their fresh green foliage throughout the Winter and produce an abundance of magnificent blooms in the Summer.

ORNAMENTAL TREES

Trees are beautiful as well as useful. We will be glad to assist our customers in making selections for various purposes.

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Apple	Peach
Apricot	Pear
Cherry	Plum
Crab Apple	Quince

Big profits are realized from fruit trees. Our trees produce first grade fruit.

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Blackberries	Currants
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Strawberries	Grapes

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"Holco" Spraying Guide.

For Plant Lice, Aphis or all
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Directions on package

For Blight, Fungous Diseases,
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Use

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Bordeaux Mixture — Copper Solution
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Pyrox — Bug Death — Hellebore
Insectrogen — Slug Shot — Volck
Tobacco Dust

Directions on package

For Scale

Scalecide — Sunoco Oil
Lime Sulphur

Directions on package

For prices see inside of rear cover.
Free Complete Spraying Chart on Request.

INDEX OF CONTENTS

VEGETABLES AND FARM SEEDS		Page			Page			Page	
Alfalfa	Page	46	Mustard	Page	27	*Blanket Flower	Page	58	
Alsike	47	Nasturtium	62	Brachycome	53	Callendula	53	Ice Plant	60
Asparagus	4	Oats	44	Calendula	53	California Poppy	58	Impatiens	60
Asparagus Roots	4, 39	Okra	27	Calliopsis	53	Canpanula	54	Japanese Hop	60
Barley	45	Onion Seed	28, 29	Canary Bird Vine	53	Joseph's Coat	49	Job's Tears	55
Beans, Bush	5, 6	Onion Sets	27	Candytuft	54	Kochia	60	*Kudzu Vine	60
Beans, Bush Lima	6	Oyster Plant	35	Canterbury Bells	54	*Lady Slipper	53	Lantana	60
Beans, Pole	7	Parsley	27	Cardinal Climber	54	Larkspur	60	*Lathyrus	60
Beans, Pole Lima	7	Parsnip	27	Carnation	54	Love-in-a-Mist	62	Leon Verbena	69
Beets, Table	3, 8, 9	Peas, Cow	48	Castor Oil Bean	54	Love-in-a-Puff	53	Lemon Verbena	69
Beets, Sugar	9, 45	Peas, Field	44	Celosia	54	Lupinus	60	Lobelia	80
Broom Corn	44	Peas, Sugar	31	Centaurea	55	Marigold	61	Love-in-a-Mist	62
Brussels Sprouts	44	Peas, Table	30, 31	Chinese Bell Flower	65	Marvel of Peru	61	Love-in-a-Puff	53
Buckwheat	44	Pepper	32	Chinese Primrose	66	Margarite Carnations	54	Marigold	61
Cabbage	10, 11, 12	Potatoes	40, 41	Chinese Wool Flower	54	Matricaria	59	Marigold	61
Cane Seed	45	Pumpkins	29, 45	Chrysanthemums	55	Mignonette	61	Marvel of Peru	61
Cantaloupe	25, 26	Radish	33, 34	Cineraria	55	Mignonette	61	Matricaria	59
Carrots	13	Rape	45	Clerkia	55	Moonflower	61	Morning Glory	61
Caulliflower	14	Rhubarb	35	Cleome	55	Myosotis	61	Nasturtium	62
Celeries	16	Ruta Baga	39	Clove Pinks	56	Nicotinia	62	Nicotinia	62
Celery	3, 15, 16	Ruta	45	Cobea Scandens	55	Nigella	62	Nigella	62
Chicory	16	Sage	39	Cockscomb	54	Painted Tongue	67	Pansy	63
Chinese Cabbage	12	Salsify	35	Coix Lachryme	55	Periwinkle	70	Penstemon	65
Chives	30	Soy Beans	48	Coleus	55	*Petunia	64	*Delphinium	64
Citron Melon	27	Sorghum	45	*Columbine	50	*Phlox	65	Dianthus	56, 57
Clover	2, 47	Spinach	35	*Coreopsis	56	*Physalis	65	Didiscus	58
Corn Salad	16	Squash	36	Cornflower	55	Pincushion Flower	67	*Digitalis	58
Corn, Field	42, 43	Sudan Grass	47	Cornflower Aster	67	*Pinks	49, 54, 56, 57	Dimorphothea	58
Corn, Flint	42	Swet Clover	47	Cosmos	56	Platyodon	65	Dolichos	58
Corn, Silo	43	Swiss Chard	9	*Cowslip	56	Poppy	66	Dusty Miller	58
Corn, Sweet	17, 18, 19	Swede Turnips	39	Cut Flower Garden		Portulaca	66	Echeescholtzia	58
CowPeas	48	Timothy	47	Mixture	56	Primula	56, 66	Euphorbia	58
Cress	16	Tobacco	36	Cyclamen	56	Pyrethrum	66	Everlasting Flowers	49
Cucumbers	20, 21	Tomato	37, 38	Cypress Vine	54, 56	Ragged Sailor	55	Feverfew	59
Dandelion	16	Turnip	39	Daisy	53, 55	*Red Hot Poker	69	Flower Tobacco	62
Dill	21	Vetch	48	*Delphinium	57	Ricinus	67	Forget-me-not	61
Egg Plant	22	Watermelon	26, 27	Dianthus	56, 57	*Rudbeckia	67	Four O'clock	61
Endive	22	Winter Radish	34	Didiscus	58	Salpiglossis	67	*Foxglove	58
Ensilage Corn	43	Witloof Chicory	16	*Digitalis	58	Salvia	67	Gaillardia	58
Field Peas	44			Dimorphothea	58	Scabiosa	67	Gilliflower	67
Flax	44			Dolichos	58	Scarlet Runner Bean	53	Gloxinia	59
French Endive	16			Dusty Miller	58	Shasta Sage	67	Godetia	59
Gourds	59			Echeescholtzia	58	*Shasta Daisy	55	Gourds, Ornamental	59
Grasses	1, 2, 47			Euphorbia	58	Snadragon	50	Gypsophila	59
Grass Mixtures	1, 47			Everlasting Flowers	49	Snow on the Mountain	58	*Hardy Dianthus	56, 57
Ground Cherry	22			Feverfew	59	Stocks	67	Hardy Larkspur	57
Gumbo (See Okra)	27			Flowering Tobacco	62	*Stokesia	67	Hardy Poppy	66
Herbs	39			Forget-me-not	61	Straw Flower	59	Hardy Sweet Pea	60
Horse Radish Sets	4, 39			Four O'clock	61	Summer Cypress	60	Helichrysum	59
Kale	22			*Foxglove	58	Sunflower	69	Heliotrope	59
Kohl Rabi	22			Gaillardia	58	*Sweet Alyssum	49	*Hollyhock	59
Lawn Grass Mixtures	1, 2			Gilliflower	67	Sweet Peas	65	Humulus	60
Leek	22			Gloxinia	59	Sweet Sultans	55	Hyacinth Bean	58
Lettuce	23, 24			Godetia	59	Sweet Williams	69		
Mangel-Wurzel	9, 44			Gourds, Ornamental	59				
Melons, Musk	25, 26			Gypsophila	59				
Melons, Water	26, 27			*Hardy Dianthus	56, 57				
Millet	44			Hardy Larkspur	57				
Mushroom Spawn	39			Hardy Poppy	66				
Muskmelon	25, 26			Hardy Sweet Pea	60				

Page
Thunbergia
*Tritoma
Verbena
Vinca
Viola
*Wallflower
White Moonflower
Woolflower
Zinnia

BULBS AND ROOTS

Caladiums	71
Cannas	71
Cinnamon Vine	71
Dahlia	72
Elephant's Ear	71
Gladiolus	73
Hardy Lilies	71
Madeira Vine	71
Mignonette Vine	71
Tuberose	71
Valley Lily	71

SHRUBS ORNAMENTAL PLANTS SMALL FRUITS WRITE FOR NURSERY Catalogue it is FREE

IMPLEMENTS AND SUNDRIES

Ant Destroyer	81
Arsenate of Lead	81
Bird Seed and Supplies	77
Bordeaux Mixtures	81
Bug Death	81
Black Leaf "40"	81
Cultivators	75
Fertilizers	77, 78
Flower Pots	76
Garden Tools	74, 75
Grafting Wax	76
Hand Weeders	75
Hedge Shears	74
Impliments	74, 75
Inoculator	46, 48
Insecticides	81
Insect Powder	81
Kerosene Emulsion	81
Lawn Mower	74
Plant Food	77, 78
Pruning Shears	74
Scale Destroyer	81
Seed Sowers	47
Sheep Manure	78
Soap (Insecticide)	81
Soiltox	47
Sprayers	74
Tools	74, 75
Trimmers	76, 77
Weeders	75
Weed Killer	81
Wheel Hoes	75

DU PONT
SEMESAN
SEMESAN JR.
SEMESAN BEL.
Control Diseases
Hasten Germination
Increase Yields
Improve Quality

The Premier Seed Disinfectants

SEMESAN—This modern disinfectant can be applied in either the liquid or convenient dust form to prevent or control effectively a most diversified variety of diseases and fungous growths borne by seeds, bulbs, corms, roots, tubers, plants, grafts and soils. Semesan is harmless to seed and plant life but extremely poisonous to disease and parasitic organisms.

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Semesan Disinfectants Make Good Seeds Grow Better—Ask for Free Booklets

Insect Destroyers

Poisons are prohibited in the mails. Insecticides can only be sent by express.

ANT DESTROYER (MacGregor's). An amazing discovery for killing ants, cockroaches, wood lice, snails, etc., around buildings, lawns, gardens, golf courses, or any other places infested with ants. $\frac{1}{2}$ lb. 50 cts., single pound, \$1.00, 5 lbs. \$4.75, 10 lbs. \$9.00.

APHINE. For destroying aphid, green fly, thrip, red spider, etc. $\frac{1}{4}$ pint 25 cts., $\frac{1}{2}$ pint 40 cts., pint 65 cts., quart \$1.00, gal. \$3.00.

ARSENATE OF LEAD (Powdered). 1 lb. to 2 lbs. dilutes 50 gals. of water. Lb. 45 cts., 5 lbs. \$2.00, 10 lbs. \$3.75, 25 lbs. \$7.50. (Write for prices on larger quantities).

BLACK LEAF "40". This will destroy Aphid (plant lice) as found on Rose Bushes, Leaf Hoppers as found on Potatoes, and all soft bodied sucking insects. But we recommend using about one-quarter stronger for most effective results. Full directions on each package. Per 1 oz. bottle 35 cts., $\frac{1}{2}$ lb. \$1.25, 2 lbs. \$3.50, 10 lbs. \$13.50.

BORDO LEAD (Powdered). Has all the advantages of the paste form, but goes farther and is easier to handle. $\frac{1}{2}$ lb. 20 cts., lb. 40 cts., 5 lbs. \$1.80, 10 lbs. \$3.15, 25 lbs. \$7.25, 100 lbs. \$24.00.

BORDEAUX MIXTURE (Powdered). Used principally for blight, fungous diseases that affect potatoes, fruit trees. 1 lb. 35 cts., 5 lb. pkg. (makes 30 gals.) \$1.30, 10 lb. pkg. (makes 50 gals.) \$2.00, 25 lbs. \$4.25.

COPPER SOLUTION. Excellent spray for celery, carnation rust and diseases of the grape, pear, apple and other fruits. A good thing to use for leaf blight and mildew. 1 gal. to 20 gals. water. Qt. \$1.50, gal. \$3.50.

CYANOGAS (Calcium Cyanide). To fumigate greenhouses. Kills white fly, aphid, soft scale, thrips. $\frac{1}{4}$ oz. to each 1000 cubic feet. Kills moles, woodchucks and all underground rodents. Directions with each can. Will mail circular on request. Lb. 75 cts., 5 lbs. \$3.00, 25 lbs. \$10.00, 100 lbs. \$30.00.

FERTOAC (Insectilizer). Gives immediate and continuous fertilization; destroys insects. For mulching; valuable also for the vegetable garden. 5 lbs. 20 cts., 10 lbs. 40 cts., 25 lbs. 90 cts., 50 lbs. \$1.60, 100 lbs. \$2.50, 500 lbs. or more \$2.00 per 100. (Special price f. o. b. factory).

FISH OIL SOAP. For mild forms of scale, and is an excellent summer spray. Good for washing off ferns, plants, lemon trees and almost anything that would be infested with soft-shelled insects. Lb. 25 cts., 5 lbs. \$1.00, 10 lbs. \$1.75.

FUNGITROGEN. A highly concentrated fungicide that conquers Mildew and controls Black Spot on Roses, Phlox and other plants, and is an effective plant stimulant as well. 1 tablespoonful to quart of water. $\frac{1}{2}$ pint 75 cts., pint \$1.25, quart \$2.00, $\frac{1}{2}$ gal. \$3.50, gal. \$6.00.

HELLEBORE. Destroys currant worms and other soft-shelled insects. Can be applied dry or in liquid form. $\frac{1}{4}$ lb. 20 cts., $\frac{1}{2}$ lb. 35 cts., lb. 60 cts.

INSECTROGEN. For leaf-chewing insects—caterpillars, slug worms, Japanese beetles, etc., and blights. 1 tablespoonful to quart of water. $\frac{1}{2}$ pint \$1.00, pint \$1.75, quart \$2.75, $\frac{1}{2}$ gal. \$4.50, gal. \$8.00.

JAPANESE BEETLE SPRAY "WHIZ". Kills Japanese Beetles by direct contact; non-poisonous to human beings and may be sprayed with safety on all types of fruit; may also be used for killing other insects. Dilute 1 part to 15 parts of water. Pint, 75 cts., quart, \$1.25.

KAYSO. The combined casein spreader and adhesive. Can be used with any insecticide. 10 ozs. 25 cts., 2 lbs. 50 cts., 10 lbs. \$2.10, 50 lbs. \$9.50.

KEROSENE EMULSION (Miscible Oil). An excellent spray for all mild forms of scale, and soft lice such as infest rose and fruit bushes, vegetables and trees. Pint 50 cts., quart 85 cts., gal. \$1.70.

LIME SULPHUR (Dry Powder Form). Powdered Lime Sulphur is becoming very popular on account of the small expense for shipping. Is instantly soluble in either cold or hot water. Dilute 1 lb. to 6 gals. of water; does not separate, keeps indefinitely. For summer spraying, $\frac{1}{4}$ lb. to 6 gals. or water. Lb. 35 cts., 5 lbs. \$1.40, 10 lbs. \$2.25, 25 lbs. \$4.50, 50 lbs. \$7.50, 100 lbs. \$14.00.

MAG-O-TITE. Protects crops against the ravages of the root maggot and other garden pests; also eradicates earth worms from lawns and putting greens. Not injurious in any way to plant life, but is a valuable stimulant and fertilizer. In powder form, ready for use. Lb. 50 cts., 5 lbs. \$1.50, 25 lbs. \$5.00, 50 lbs. \$9.00.

NIAGARA SOLUBLE SULPHUR. Dissolves readily in cold water. Very effective; keeps indefinitely. 5 lbs. \$1.75, 10 lbs. \$2.00, 25 lbs. \$3.50, 50 lbs. \$6.00, 100 lbs. \$10.50.

NICO-FUME LIQUID. Used as a spray or as a vapor, principally in the latter way, it is placed in a tin saucer with lamp underneath, and the nicotine fumes are thus distributed. It is very effective in destroying thrip, aphid, white fly, red spider, etc. Per $\frac{1}{4}$ lb. (about $\frac{1}{4}$ pt.) 75 cts., lb. (about 1 pt.) \$2.25, 4 lbs. (about $\frac{1}{2}$ gal.) \$8.00, 8 lbs. \$15.00.

NICO-FUME POWDER. For fumigating greenhouses; takes the place of fumigating paper and tobacco dust; complete with directions. 5 lb. size \$4.75, 10 lb. size \$8.50.

PARA-DICHLORO BENZENE. For peach tree borers; use about 1 oz. to a tree. Can be used successfully only during August and September. Is not effective if used at other seasons. Do not use on very young trees. Lb. 50 cts., 5 lbs. \$2.25, 10 lbs. \$4.25, 25 lbs. \$8.00, 50 lbs. \$15.25.

PARIS GREEN. One lb. in 50 gals. of water, or with Land Plaster at the rate of 1 lb. Paris Green to 100 lbs. Land Plaster. $\frac{1}{4}$ lb. 20 cts., $\frac{1}{2}$ lb. 35 cts., lb. 50 cts.

PYROX. Kills bugs, prevents blight. A pasty substance used for all leaf-eating insects. Very effective for fungous diseases. 1 lb. makes 5 gals. spray. Lb. 50 cts., 5 lbs. \$1.75, 10 lbs. \$3.00, 25 lbs. \$6.25, 50 lbs. \$10.75, 100 lbs. \$17.00, 300 lbs. \$48.00.

SCALECIDE. The quality miscible oil. Oldest and best known dormant spray for trees, shrubs and vines. Used by leading fruit growers. Kills scale, insects, eggs, larvae and disease cankers and fungous spores wintering on the plant. Mixes instantly—dilute 1 to 15. 1 qt. 75 cts., 1 gal. \$1.75, 5 gals. \$6.25, 10 gals. \$10.60, 15 gals. \$13.50, 30 gals. \$26.00, 50 gals. \$38.00. One gal. equals $3\frac{1}{2}$ gals. lime-sulphur.

SPRAY OIL (Sunoco). For the control of aphid, psylla, red spider, scale, etc. 1 gal. \$1.50, 5 gals. \$5.75, 15 gals. \$12.00, 30 gals. \$19.00, 50 gals. \$26.00.

SULPHOCIDE. A non-poisonous fungicide for use against fungous diseases on fruits, vegetables and flowers. Does not deteriorate with age. Contains no lime or oil. 1 gal. to 200 gals. water. Qt. 75 cts., $\frac{1}{2}$ gal. \$1.25, gal. \$2.25.

SULPHUR (Powdered). Used for checking mildew. Lb. 10 cts., 5 lbs. 45 cts., 10 lbs. 85 cts., 25 lbs. \$2.00, 100 lbs. \$7.50.

THRIP JUICE (Hammond's No. 2). This preparation is very effective against aphid, red spider, mealy bugs and sucking insects generally. Pint 75 cts., quart \$1.25, gal. \$3.50.

TOBACCO DUST (Extra Fumigating). Very strong in nicotine; rapid burning; gives off dense clouds of smoke. 5 lbs. 75 cts., 10 lbs. \$1.35, 25 lbs. \$3.00, 100 lbs. \$10.00.

TOBACCO DUST (Special Dusting). A specially prepared article. Lb. 10 cts., 5 lbs. 45 cts., 10 lbs. 85 cts., 25 lbs. \$1.75, 50 lbs. \$3.25, 100 lbs. \$6.00.

TOBACCO SOAP (Sulpho). A combination of tobacco extract and sulphur; fine for washing and spraying plants; dissolve in warm water. 8 oz. pkg. 25 cts.

TREE TANGLEFOOT. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Lb. 60 cts., 5 lb. can \$2.75, 10 lb. can \$5.25.

VOLCK. Very effective against Red Spider, Aphid, Mealy Bug, and many other insect pests. Will not hurt foliage. $\frac{1}{2}$ pt. 50 cts., pt. 75 cts., qt. \$1.00, gal. \$3.00, 5 gal. \$12.00.

WEED KILLER. This dilution is 1 to 50 parts of water. A gal. diluted is sufficient to cover a space 10 to 150 sq. yds. Application is best made with a watering can, the most advisable time being after a rain, which is when weeds start to sprout and grow. Single applications last almost an entire season. 1 qt. 70 cts., $\frac{1}{2}$ gal. \$1.15, 1 gal. (makes 50 gals.) \$1.75.

Prices on Insect Destroyers subject to Market Changes

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REG. U. S. PAT. OFFICE

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Cosmos
Hollyhocks

"Holco" Sweet Peas
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The Holmes-Letherman Seed Company

Canton, Ohio